

Volume 5 | Map books

Land Quality

November 2013 ES 3.5.1.6



High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

A report prepared for High Speed Two (HS2) Limited:

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High Speed Two (HS2) Limited, Eland House, Bressenden Place, London SW1E 5DU

Details of how to obtain further copies are available from HS2 Ltd.

Telephone: 020 7944 4908

General email enquiries: HS2enquiries@hs2.org.uk

Website: www.hs2.org.uk

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Printed in Great Britain on paper containing at least 75% recycled fibre.

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Map series name	LQ-01 — Land Quality		
Map series description	This Land Quality mapping shows potential sources of existing contamination close to the route as well as historical and operational landfill sites, current and potential future mining or mineral exploitation and geo-conservation sites.		
Community Forum Area name			
CFA o1 – Euston – Station and Approach			
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CFA 26 – Washwood Heath to Curzon Street			

Mapping explanatory notes

Copyright statements

Copyright statements are presented in the data dictionary and definitions section at the front of the map book, due to limited space to include this on the individual maps themselves.

Ordnance Survey data

All maps produced as part of the London-West Midlands Environmental Statement (ES) contain Ordnance Survey (OS) data. HS2 Ltd uses the most up-to-date mapping available, where possible, supplied by the OS. As such, we cannot be held responsible for any inaccuracies within this data.

As part of our licence conditions, all digital maps carry a watermark.

Chainage

Most of the maps presented as part of the ES have a chainage value shown next to the alignment. Chainage is presented on the maps in black font, in the form of XX+YYY, for example: 77+000.

Chainage (known as reference chainage) is referenced from Euston station, which is 0+000, and the value presented is in metres. For example, 77+000 refers to the point 77,000m, or 77km, from Euston station. Chainage values increase in intervals dependant on the map scale. For maps at 1:50,000, scale chainage is shown at 1:25,000, scale chainage is shown at 1:25,000, scale chainage is shown at 1km intervals. For maps at 1:10,000, 1:5,000 and 1:2,500 scales, chainage is shown at 1km intervals.

Chainage has been included on the maps as a useful tool for comparing map sets showing the different environmental themes or engineering plans, due to map sets having different scales and therefore showing differing amounts of alignment on the map.

Map orientation

The majority of the maps presented in these map books are presented with the railway alignment running horizontally across the page. The direction of travel to London would be following the alignment to the right hand side of the page, and the West Midlands to the left.

The exceptions to this are map series LV-02, LV-03, LV-04, LV-07 and LV-08, which present the alignment running from the bottom to the top of the page. This is to allow more of the modelled outputs to be shown at the appropriate map scale. In this instance, the direction of travel to London would be to the bottom of the page, and the West Midlands to the top.

Map books

There are a total of 76 map books in the ES, spread across Volumes 2, 4 and 5. A list of the titles is provided in the table below for reference.

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olume 2 Map Books Community Forum Area: 01 Euston — Station and Approach	Volume 5 Map Books: Ecology – Community Forum Area: 05 Northolt Corridor	
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olume 2 Map Books Community Forum Area: 03 Primrose Hill to Kilburn (Camden)	Volume 5 Map Books: Ecology – Community Forum Area: 07 Colne Valley	
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olume 2 Map Books Community Forum Area: 05 Northolt Corridor	Volume 5 Map Books: Ecology – Community Forum Area: 09 Central Chilterns	
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olume 5 Map Books: Agriculture, Forestry and Soils	Volume 5 Map Books: Socio-Economic	
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olume 5 Map Books: Community	Volume 5 Map Books: Sound, Noise and Vibration – Country South	
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olume 5 Map Books: Ecology – Community Forum Area: 01 Euston - Station and Approach	Volume 5 Map Books: Water Resources – Country South	
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Data dictionary and definitions

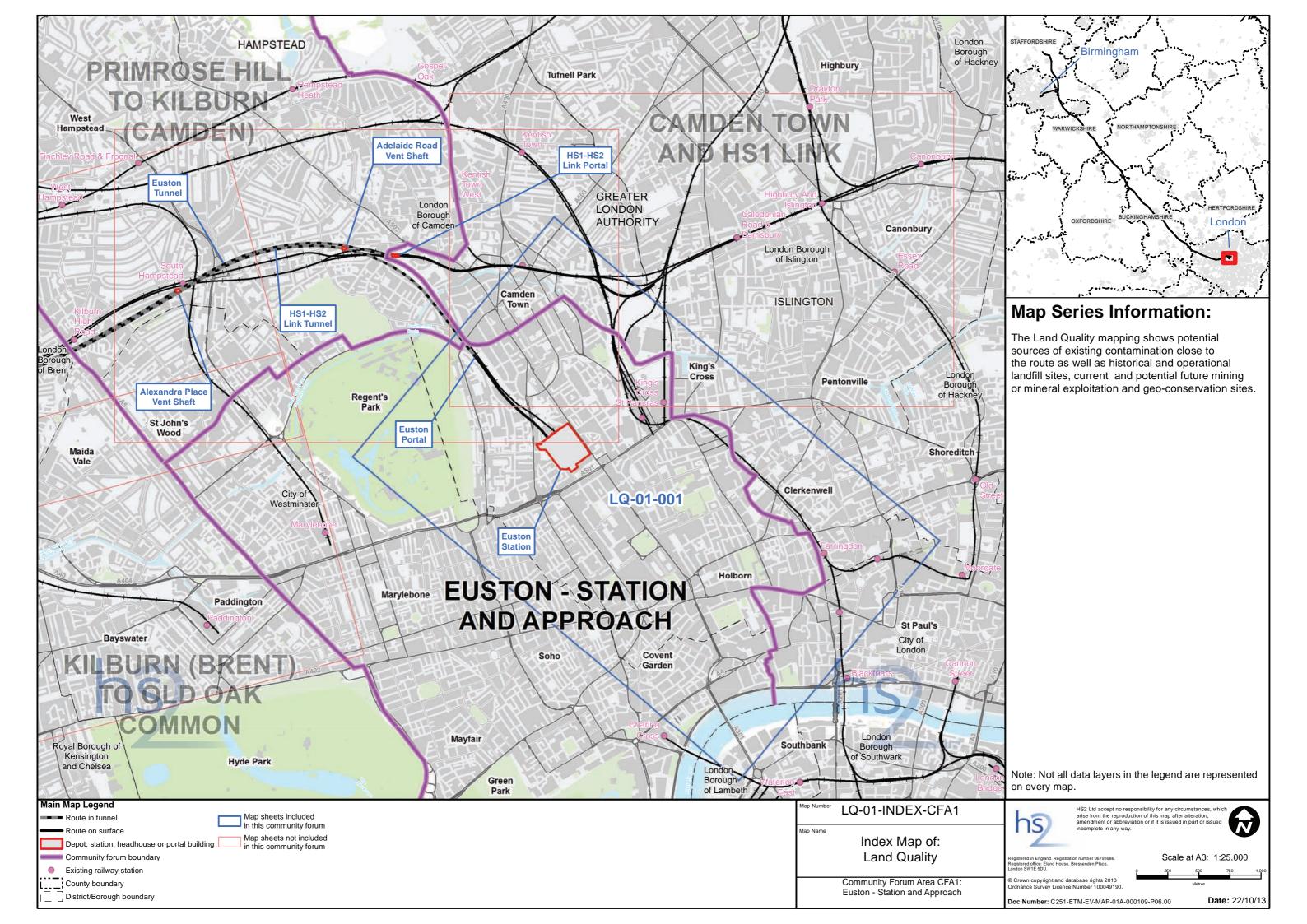
Data dictionary and definitions

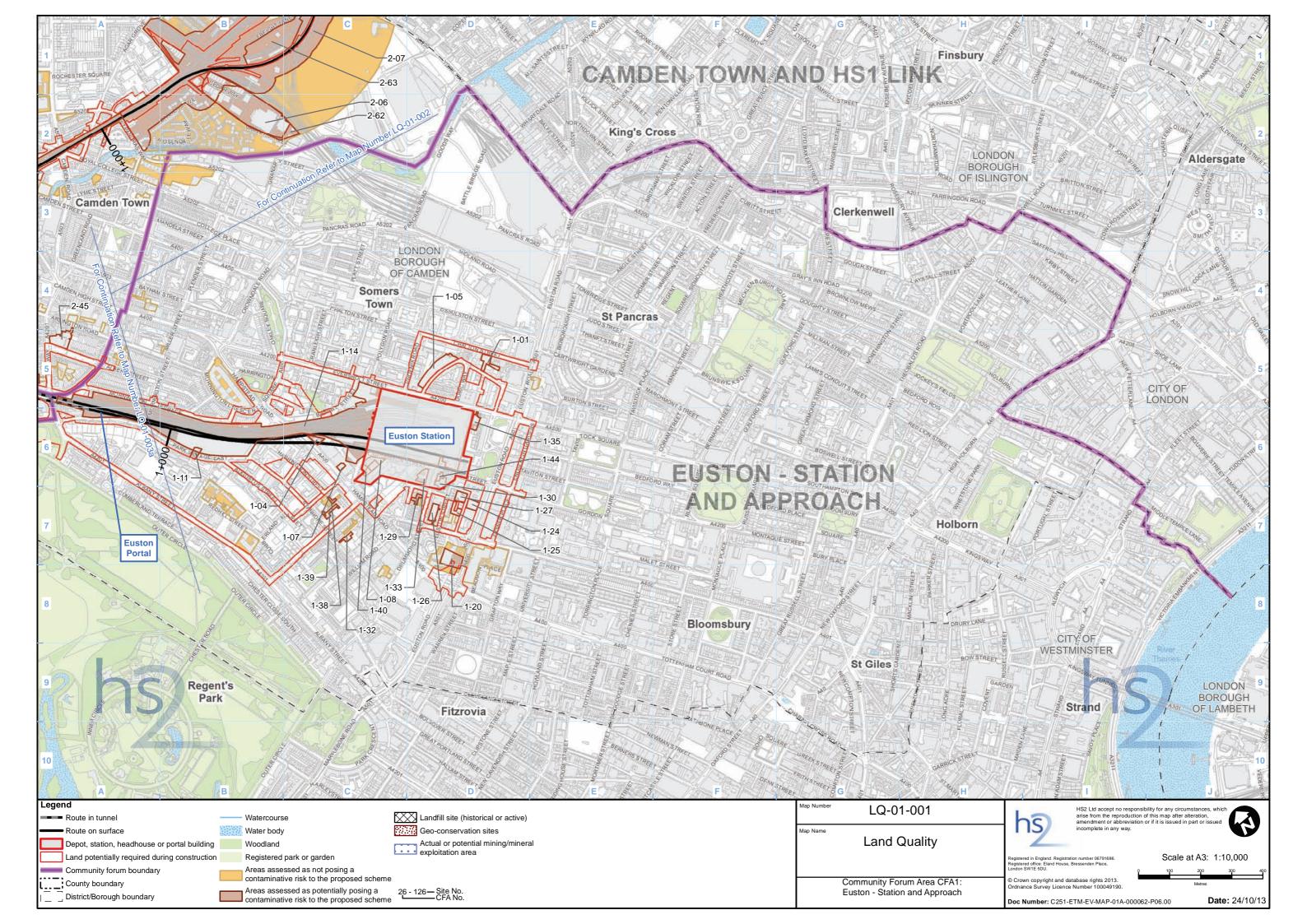
Legend features	Definition	Source	Copyright
Actual or potential mining/mineral exploitation area	Information on actual or potential mining or mineral resources has been derived from a number of sources including Local Authorities. The way in which Authorities use such designations as Mineral Safeguarding Areas (MSA), Preferred Areas of Search (PAS), Areas of Search (AS) varies. Where MSAs cover large areas of a county, they are referred to in the text, but are not shown on maps. Individual sites, such as PAS and current workings, are shown. Where possible, information has been obtained in digital format. This has not always been possible, and where necessary information has been digitised from paper/pdf formats, with a possible loss of accuracy.	British Geological Survey (BGS) under commission by respective Mineral Planning Authorities.	Based upon data provided by British Geological Survey © NERC. All rights reserved. BGS Digital Data Licence No. 2012/062 © Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Areas assessed as not posing a contaminative risk to the proposed scheme	Areas of land that have been inferred from existing information such as historical use maps, borehole records and testing not to be at risk of containing concentrations of contaminants above background levels.	High Speed Two (HS2) Ltd	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Areas assessed as potentially posing a contaminative risk to the proposed scheme	Areas of land that have been inferred from existing information such as historical use maps, borehole records and testing to be at risk of containing concentrations of contaminants above background levels, and combined with features that may allow exposure of those contaminants to a viable environmental receptor (which may include humans and buildings). These sites do not automatically equate to identify 'potentially contaminated land' as defined by EPA 1990.	High Speed Two (HS2) Ltd	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Community Forum boundary	The Environmental Statement has been split into 26 sections called Community Forum Areas.	High Speed Two (HS2) Ltd	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
County boundary	County boundaries from Ordnance Survey boundary mapping.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Depot, station, headhouse or portal building	Extends to cover operational footprint of each depot and station and the footprint of each tunnel vent shaft and headhouse at surface level. Excludes any ancillary buildings associated with these structures.	High Speed Two (HS2) Ltd	
District/Borough boundary	Ordnance Survey local authority boundary mapping.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Geo-conservation sites	Identified and managed site of geological or geomorphological or mineral interest, which can include natural processes such as coastal erosion, and where consideration of their importance becomes integral to the planning process.	Warwickshire Local Geological Sites – Warwickshire County Council Buckinghamshire Local Geological Sites – Buckinghamshire County Council SSSI – Natural England	Data provided by the Warwickshire and Solihull Historic Environment Records, Copyright 2013 Warwickshire County Council. Based upon Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationary Office © Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. Buckinghamshire County Council Licence No. 100021529, 2012. Copyright Buckinghamshire County Council. Contains, or is based on, information supplied by Natural England. © Crown Copyright and database rights 2013 Ordnance

Legend features	Definition	Source	Copyright
			Survey Licence Number 100049190.
Land potentially required during construction	Boundary defining the maximum possible extent of construction works required to build HS2 as far as the current level of design allows. This only covers surface works and includes all tunnel portals, vent shafts and headhouses, but does not apply to wholly tunnelled sections or to air rights. It also encompasses associated highway, access, drainage and utility works.	High Speed Two (HS2) Ltd	
Landfill site (historical or active)	A historical (closed) landfill site is one where there is no PPC permit or waste management licence currently in force. The local authority recorded landfill sites dataset contains landfill records sourced from individual local authorities that were able to provide information on sites operating prior to the introduction of the Control of Pollution Act (COPA) in 1974.	Environment Agency	Contains Environment Agency information © Environment Agency and database right. Bespoke licence agreement LIG\2012\40160411
Landfill site (historical or active)	Additional landfill sites missing from third party datasets.	High Speed Two (HS2) Ltd	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Mineral safeguarding areas	Mineral safeguarding areas are areas of known mineral resources that are of sufficient economic or conservation value (such as building stones) to warrant protection for generations to come. The level of information used to prove the existence of a mineral resource can vary from geological mapping to more in depth geological investigations.	British Geological Survey (BGS)	Derived from 1:50000 scale BGS Digital Data under Licence (Digital Data Licence No. 2012/062) British Geological Survey. © NERC.
Registered Park or Garden	Parks and Gardens of special historic interest. Supplied by English Heritage. Of the 1,590 Registered Parks and Gardens, over 91% were captured against the 1:10,000 Ordnance Survey Raster product. 135 records are potentially subject to movement under Positional Accuracy Improvement (PAI) improvements.	English Heritage	Contains, or is based upon, English Heritage's National Heritage List for England data © English Heritage.
Route in tunnel Route on surface	Represents the proposed route of HS2, split into route on surface and tunnelled sections.	High Speed Two (HS2) Ltd	
Water body	Based on Ordnance Survey Vector Map District.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.
Watercourse	The Detailed River Network (DRN) is the only large-scale, accurate and fully attributed digital river centreline covering England and Wales.	Environment Agency	Contains Environment Agency information © Environment Agency and database right.
Woodland	Woodland areas derived from Ordnance Survey mastermap data.	Ordnance Survey	© Crown Copyright and database rights 2013 Ordnance Survey Licence Number 100049190.



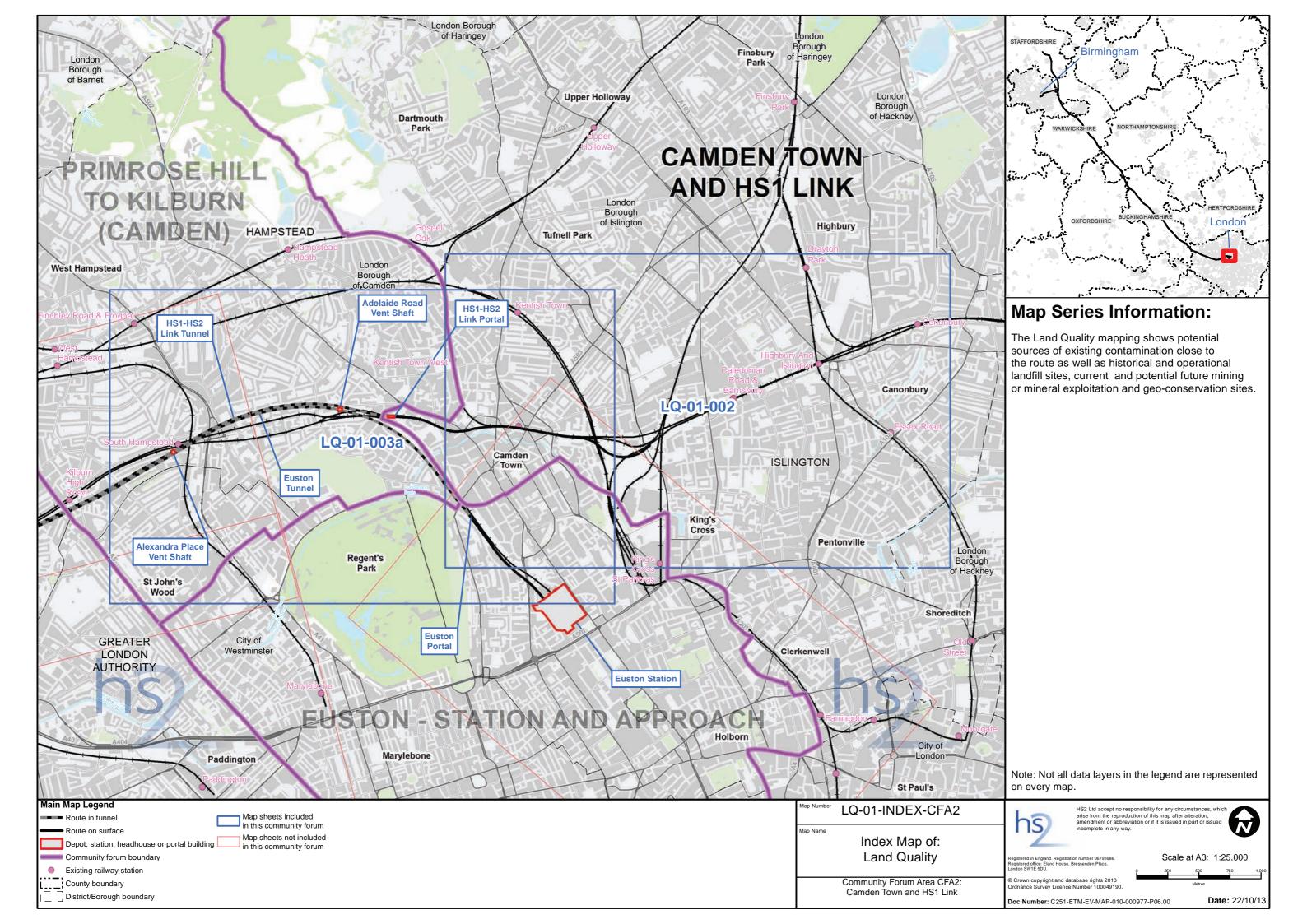
CFA1 Euston - Station and Approach LQ-o1 - Land Quality

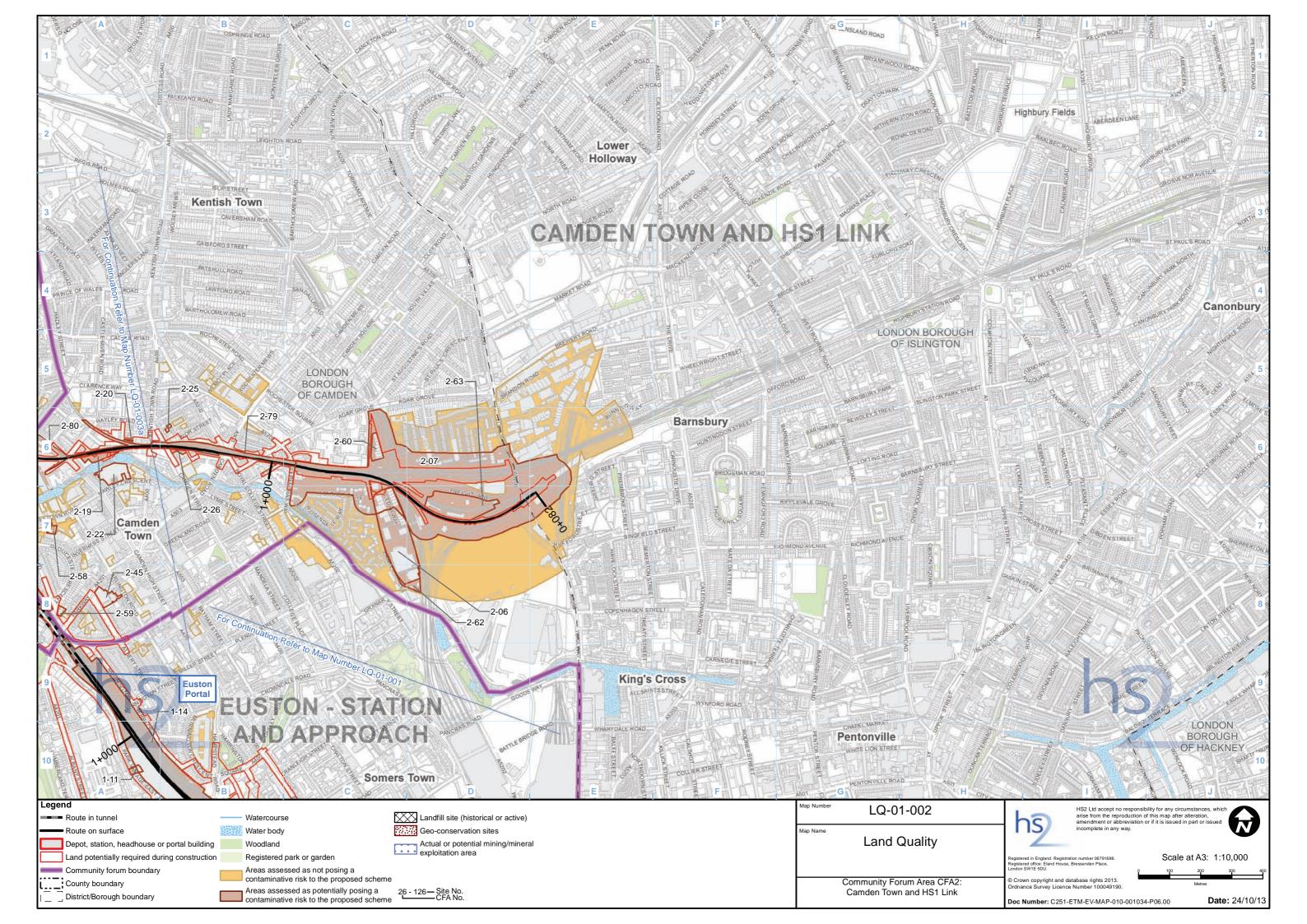


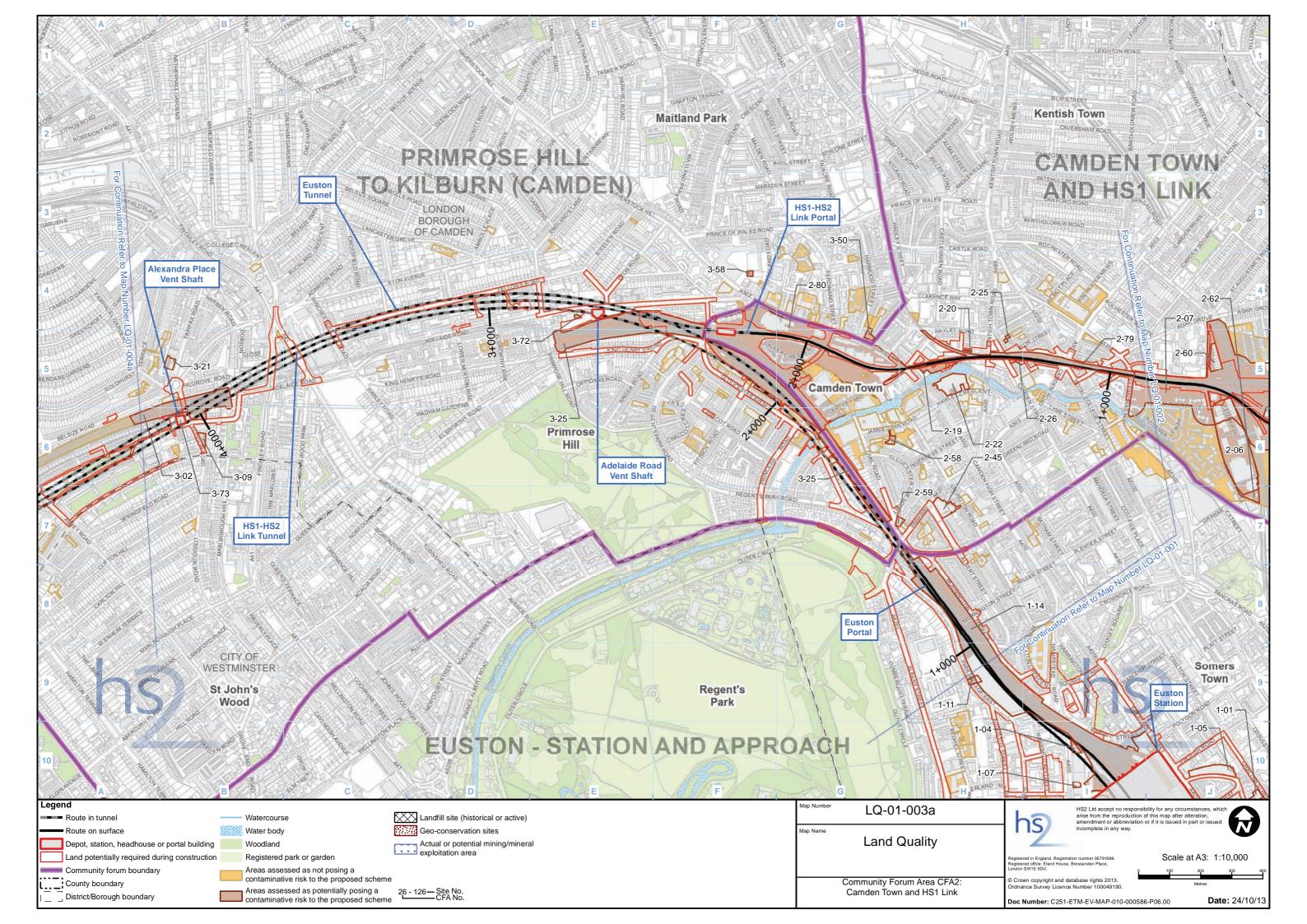




CFA2 | Camden Town and HS1 Link LQ-01 - Land Quality

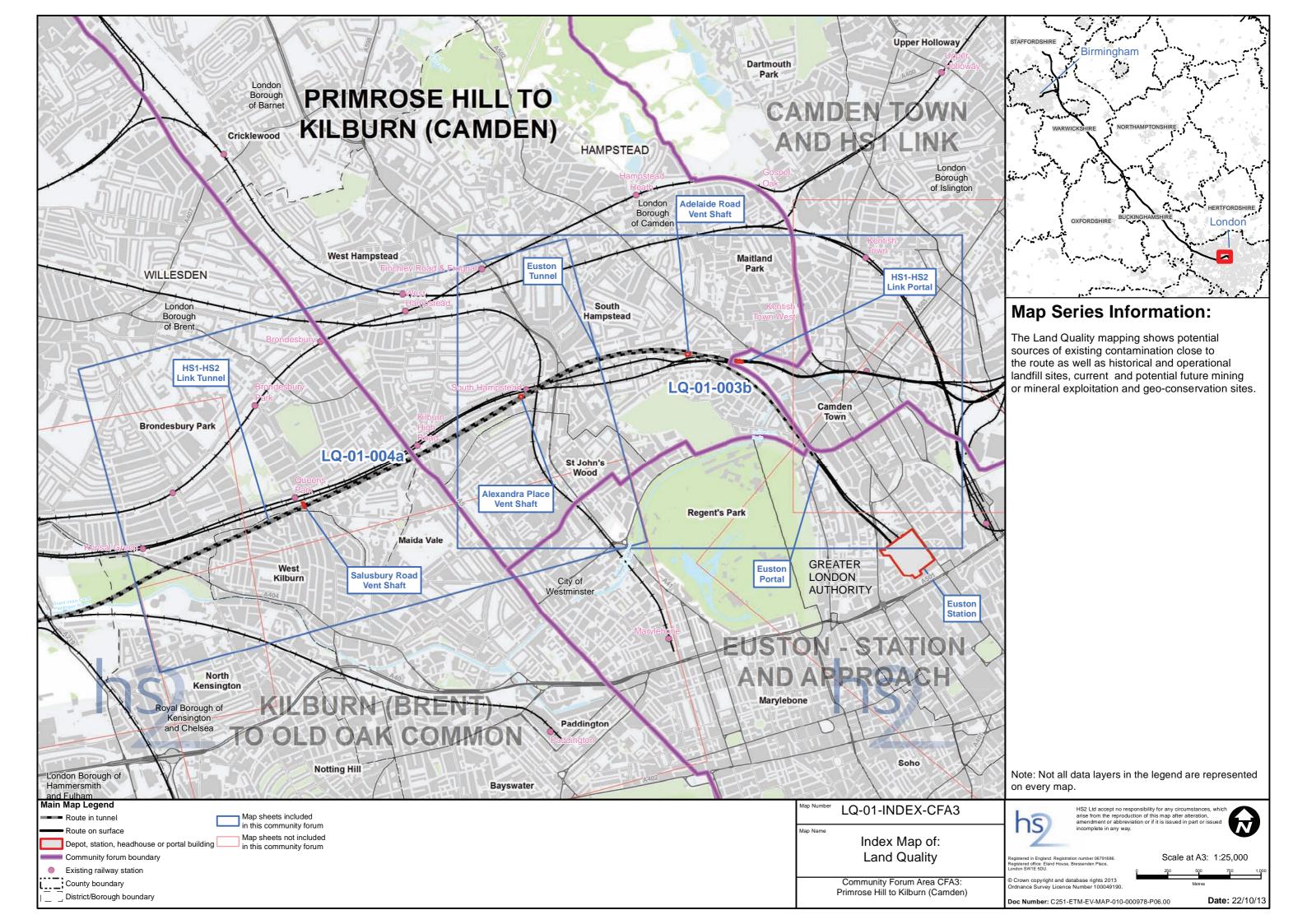


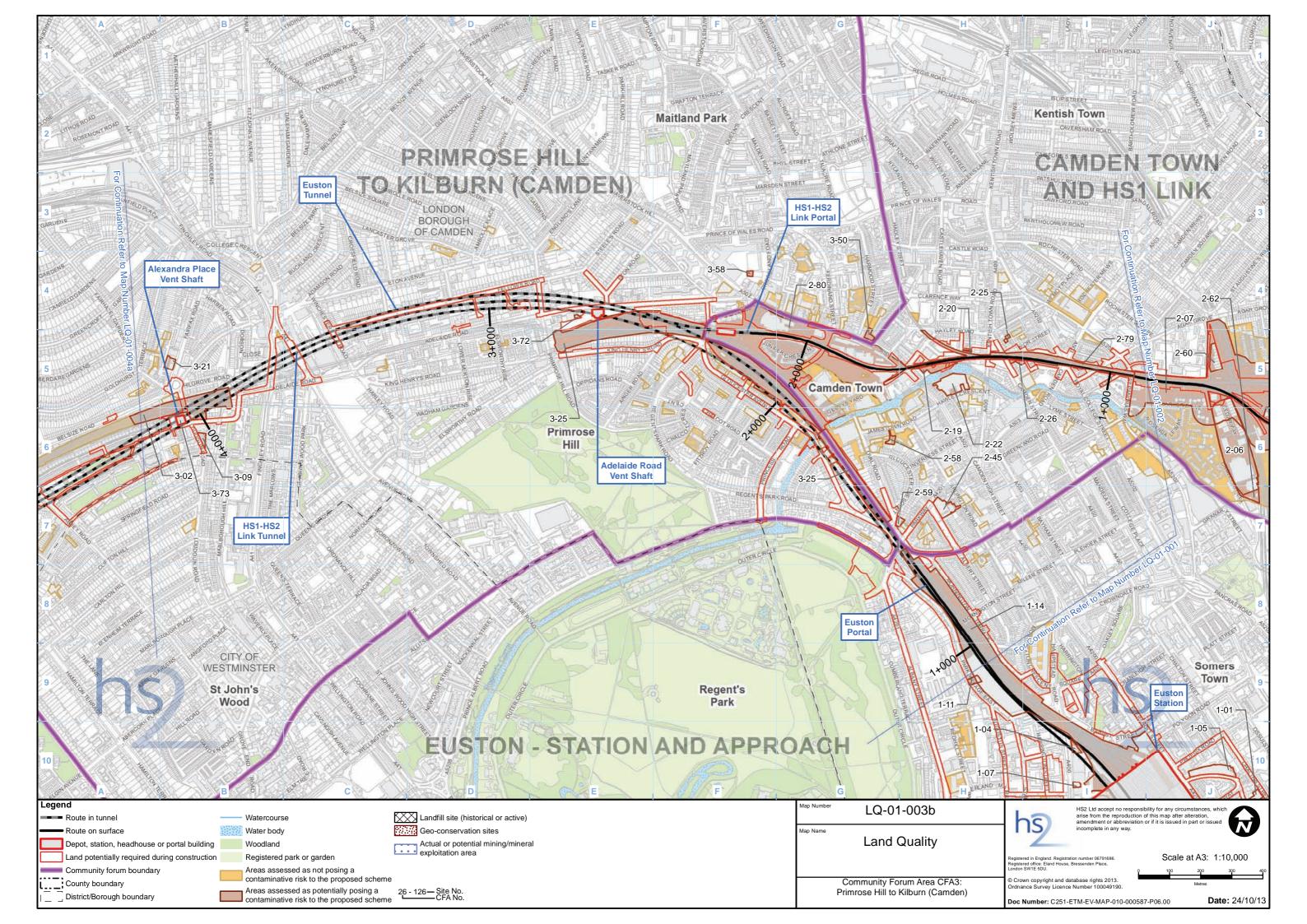


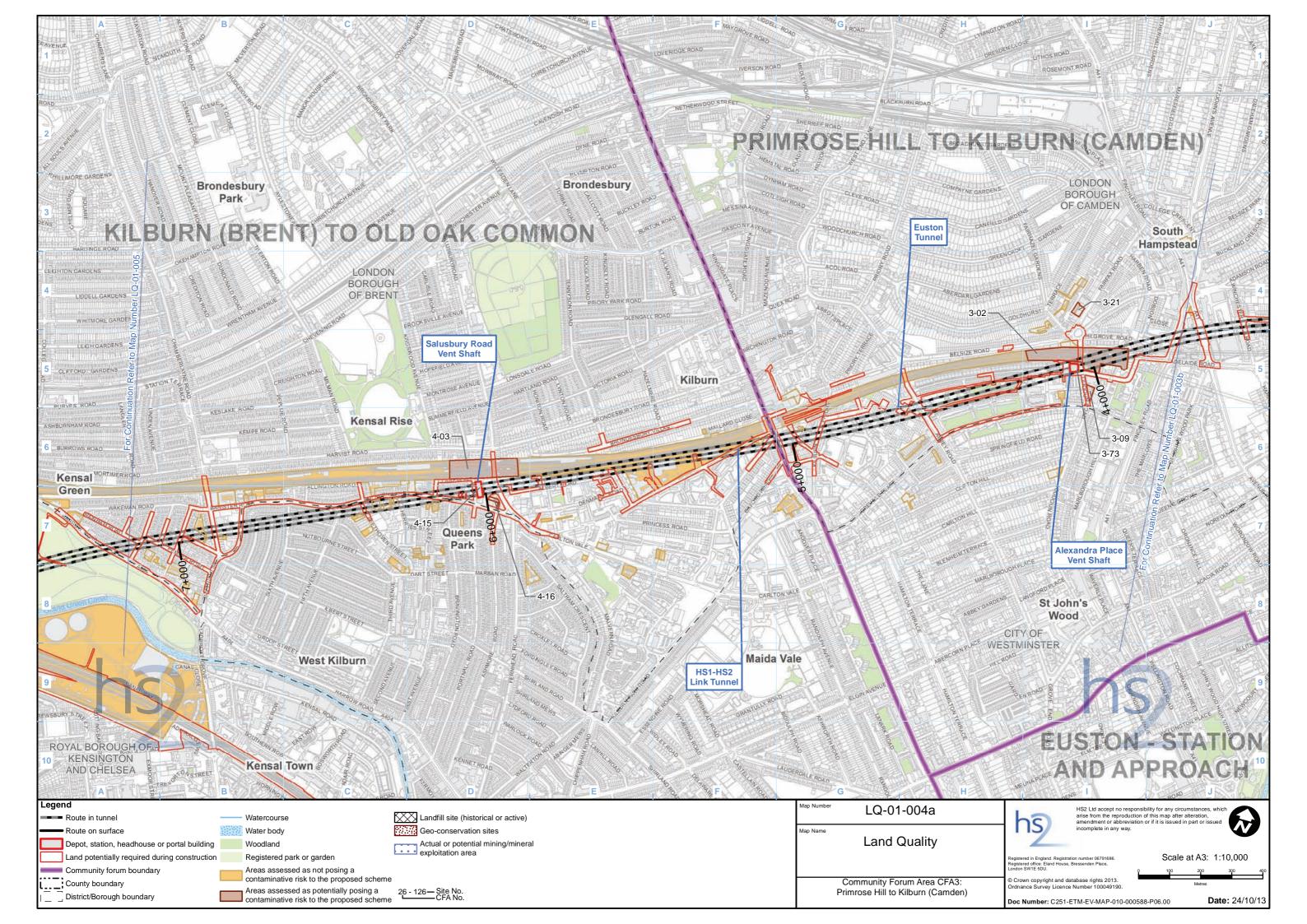




CFA₃ Primrose Hill to Camden (Kilburn) LQ-o1 - Land Quality

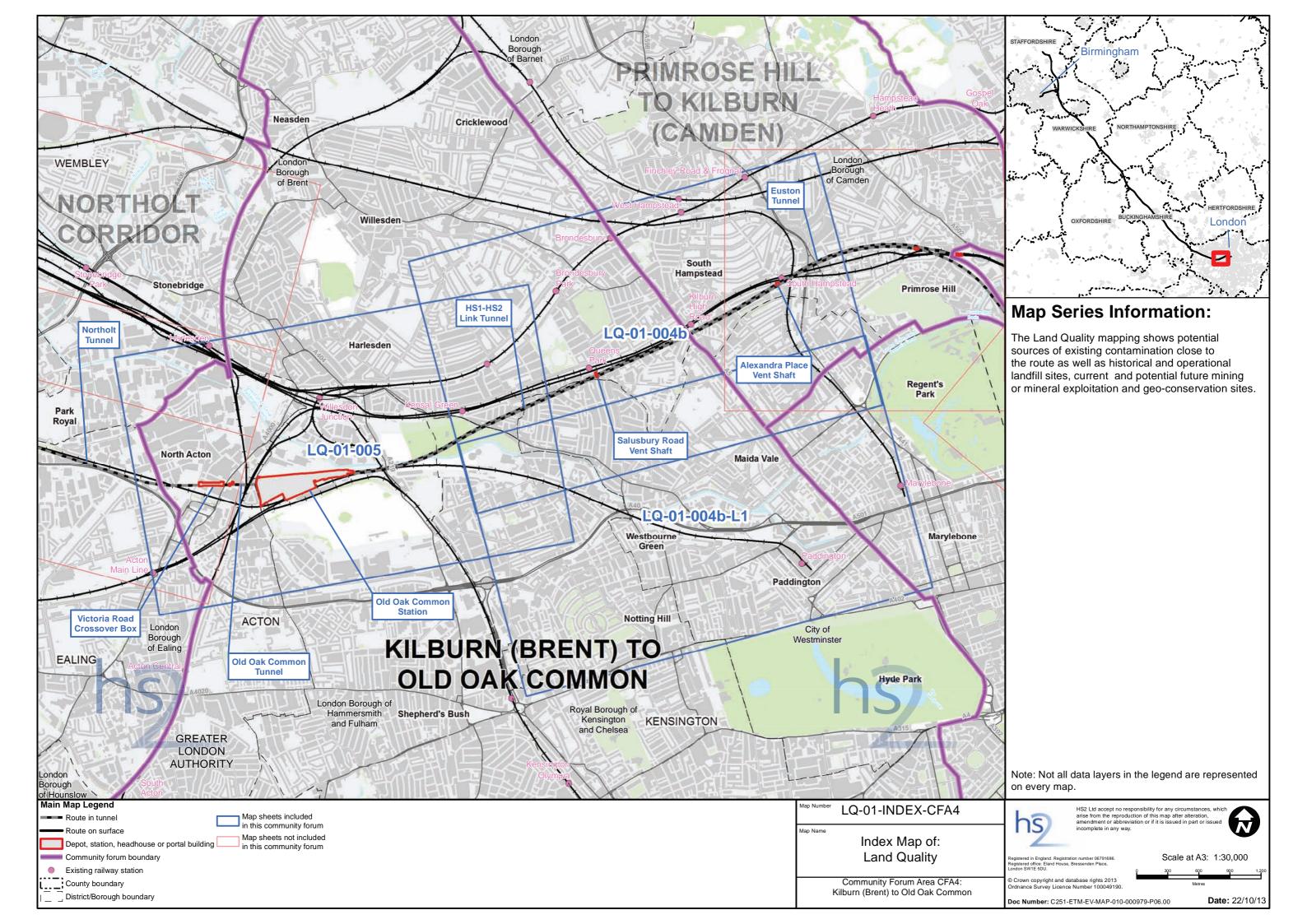


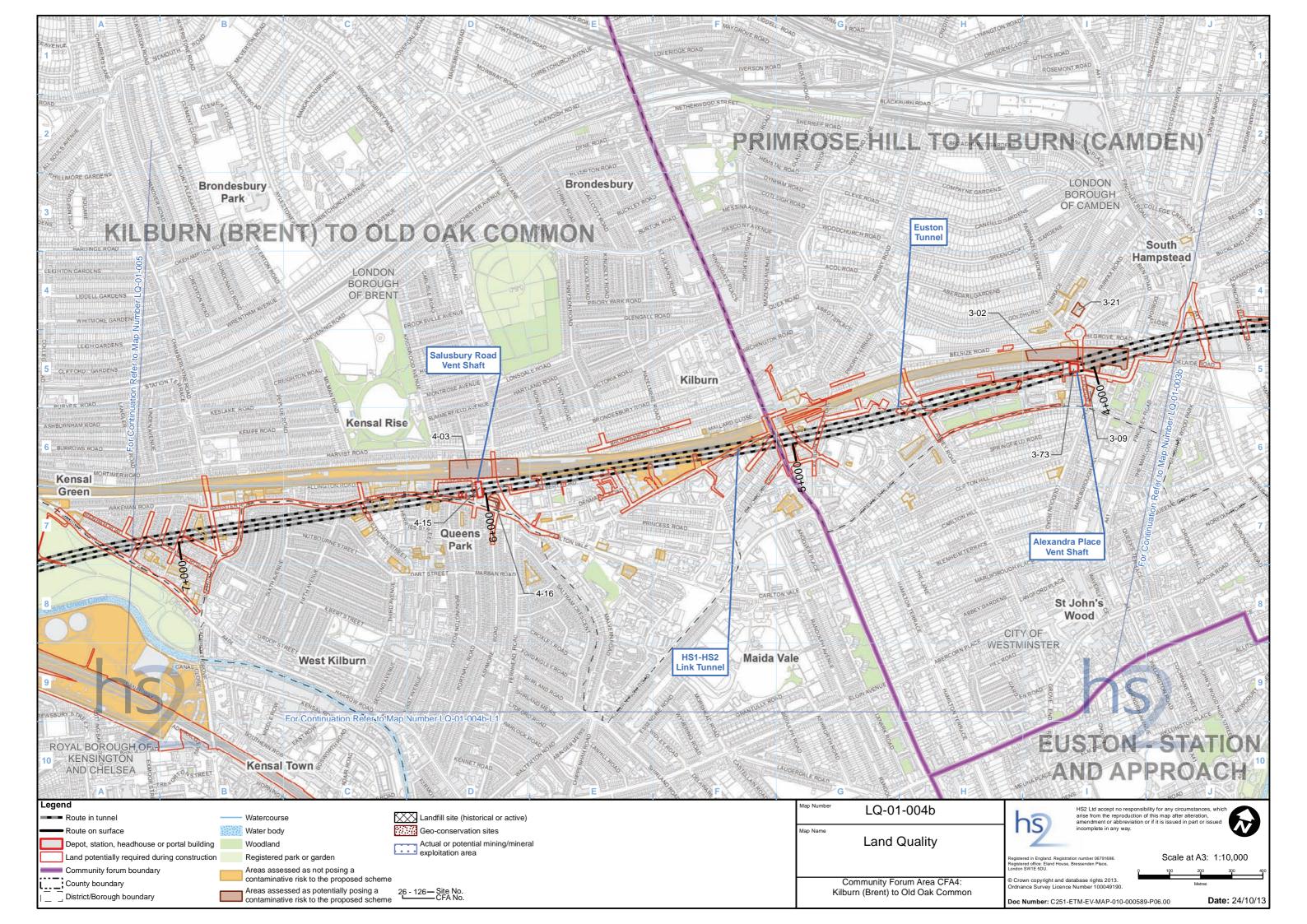


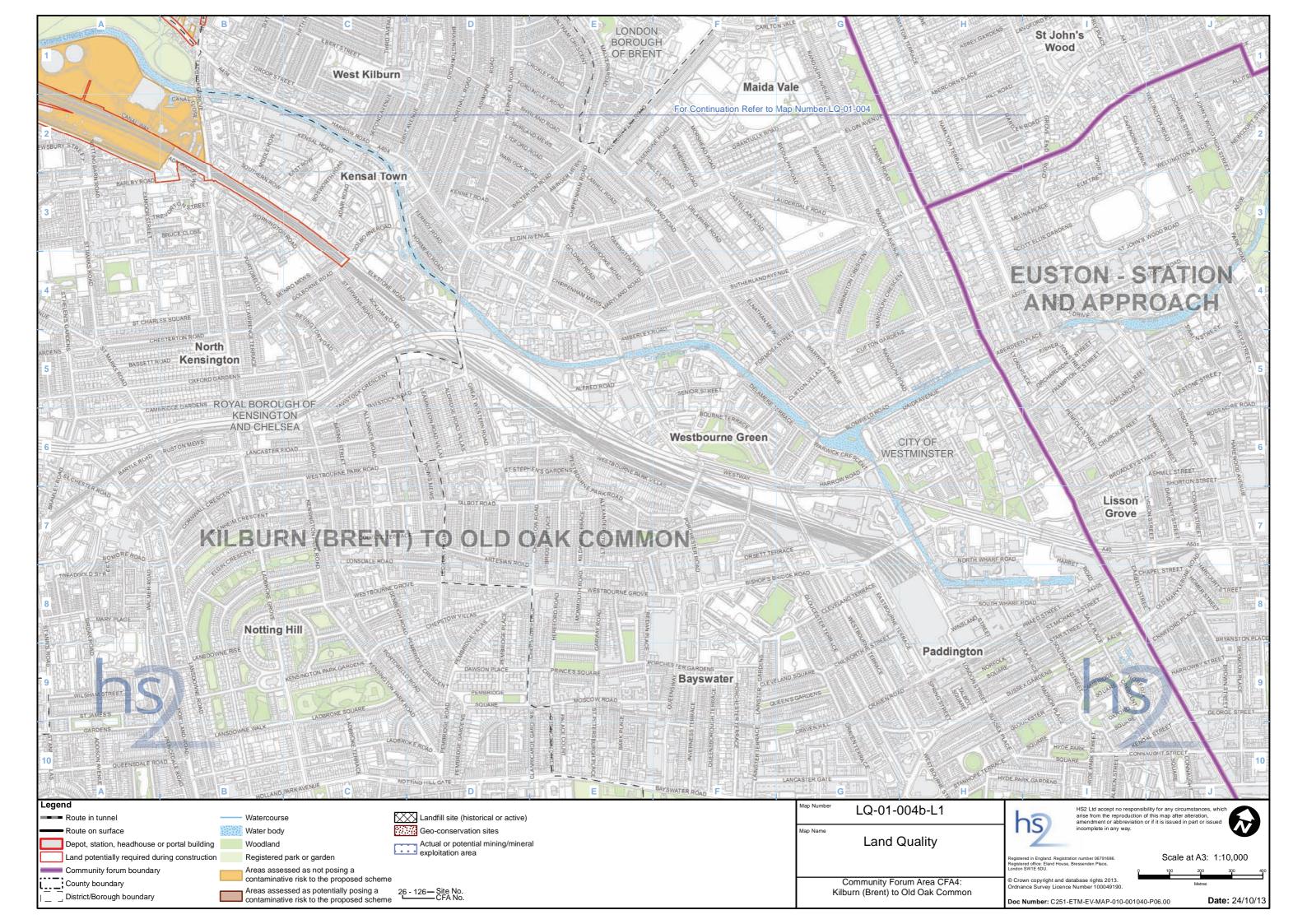


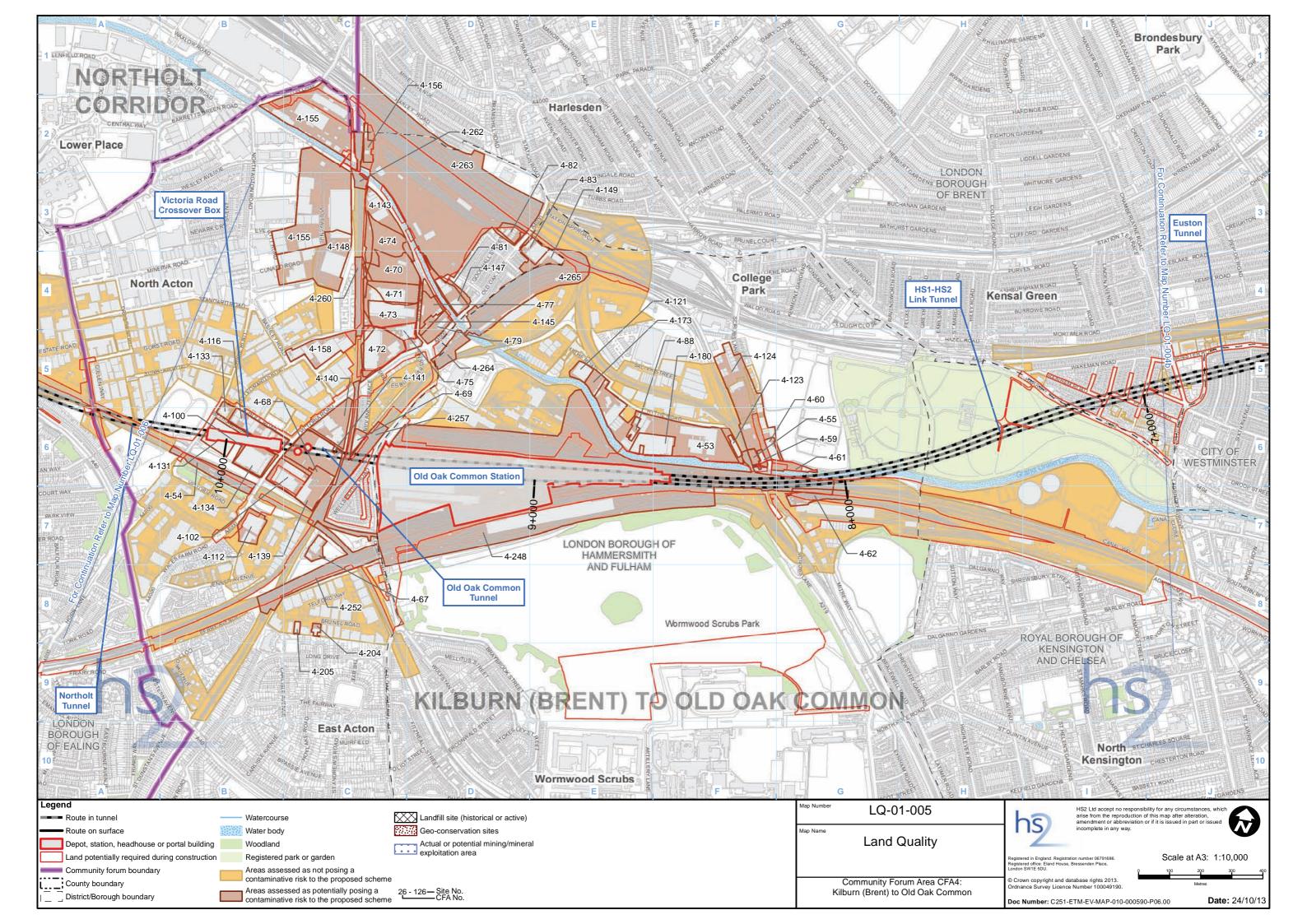


CFA4 | Kilburn (Brent) to Old Oak Common LQ-01 - Land Quality



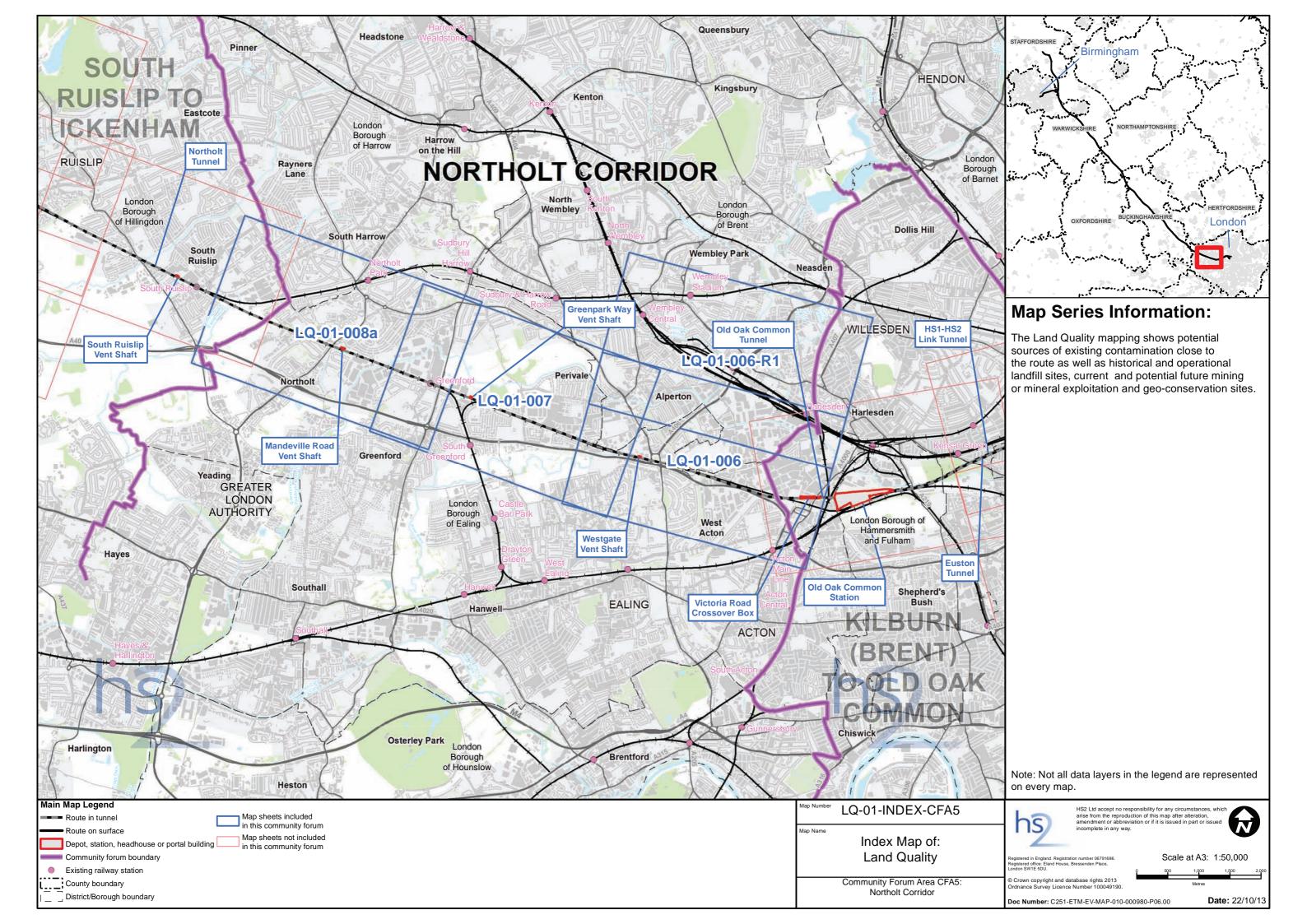


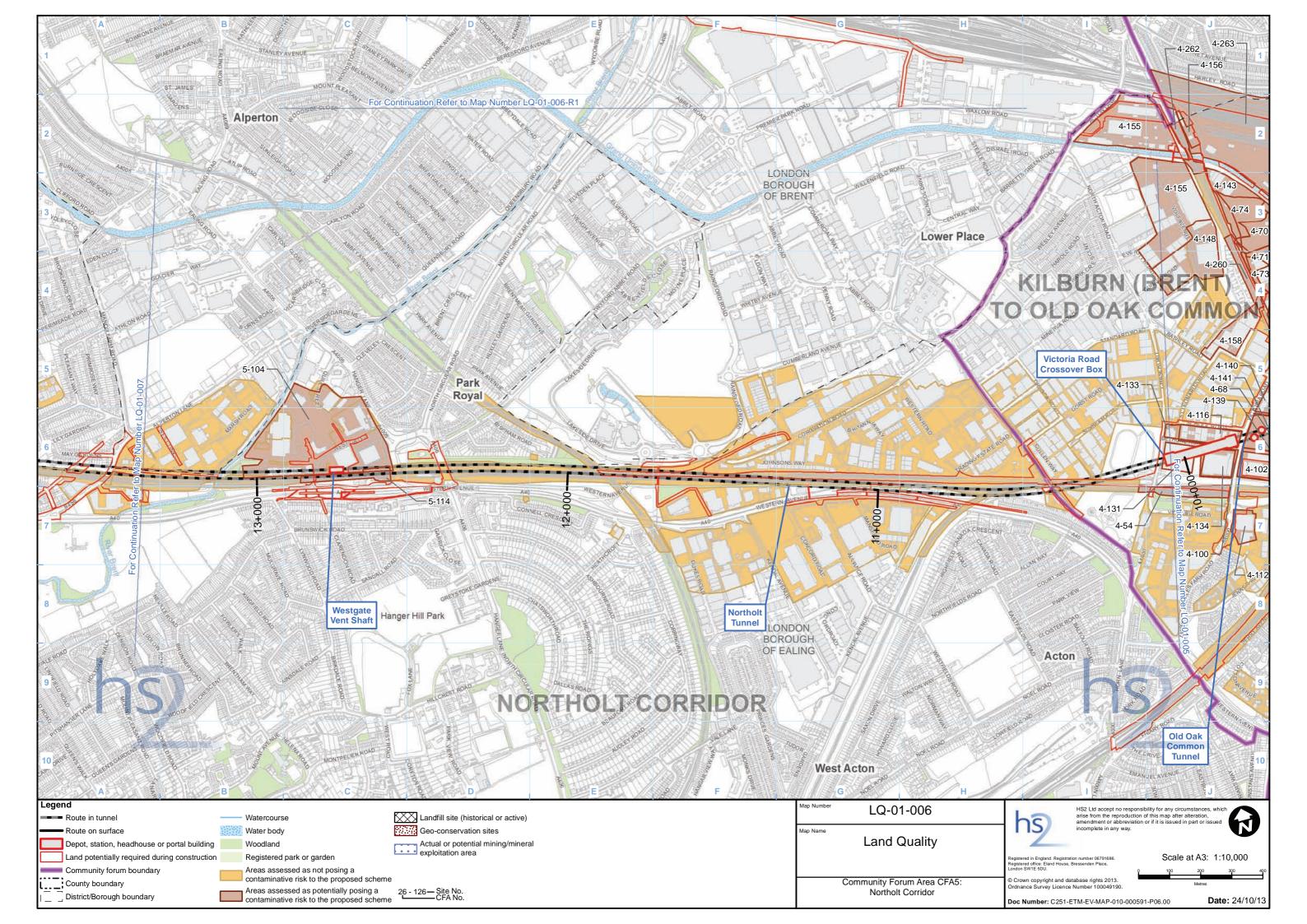


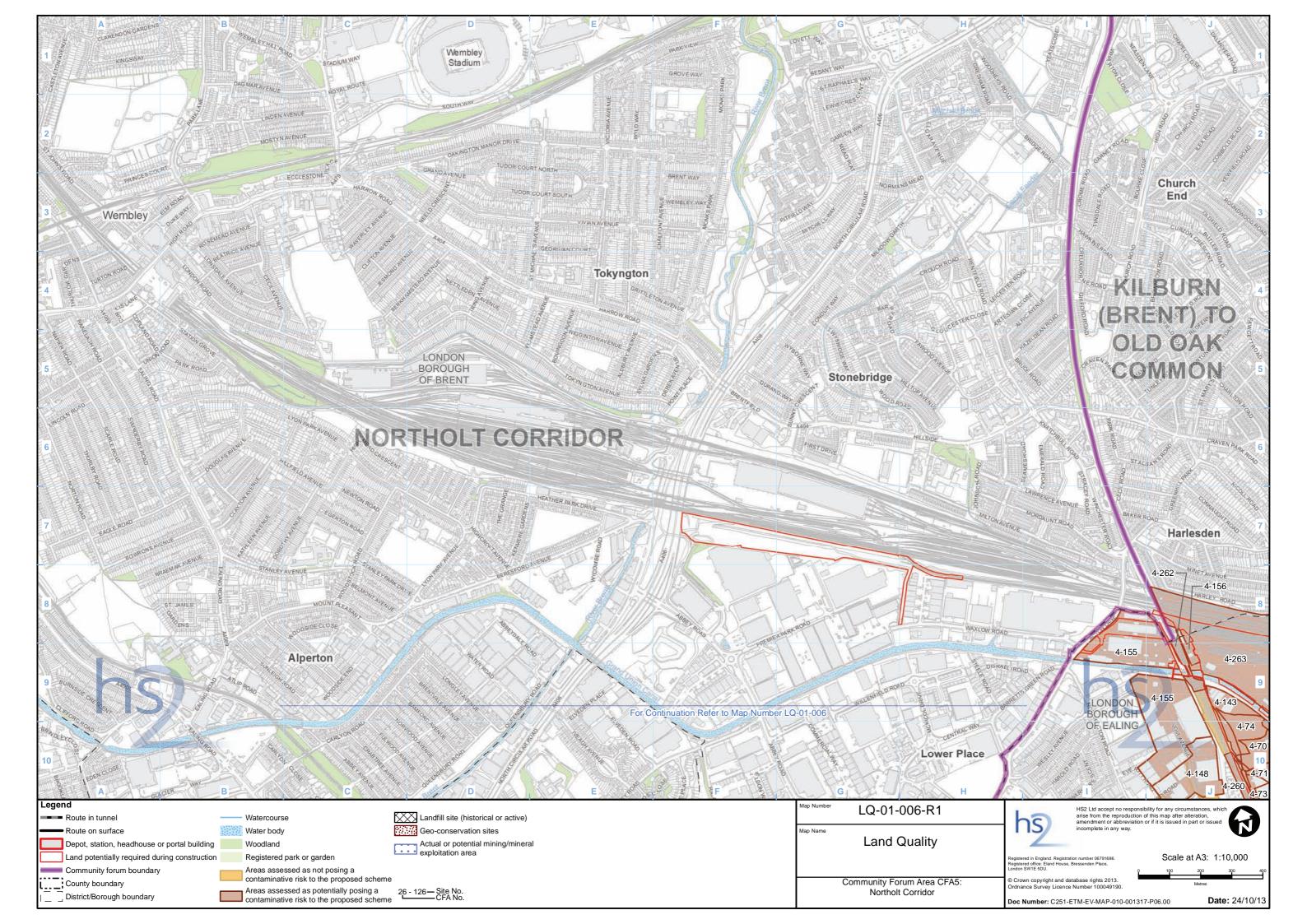


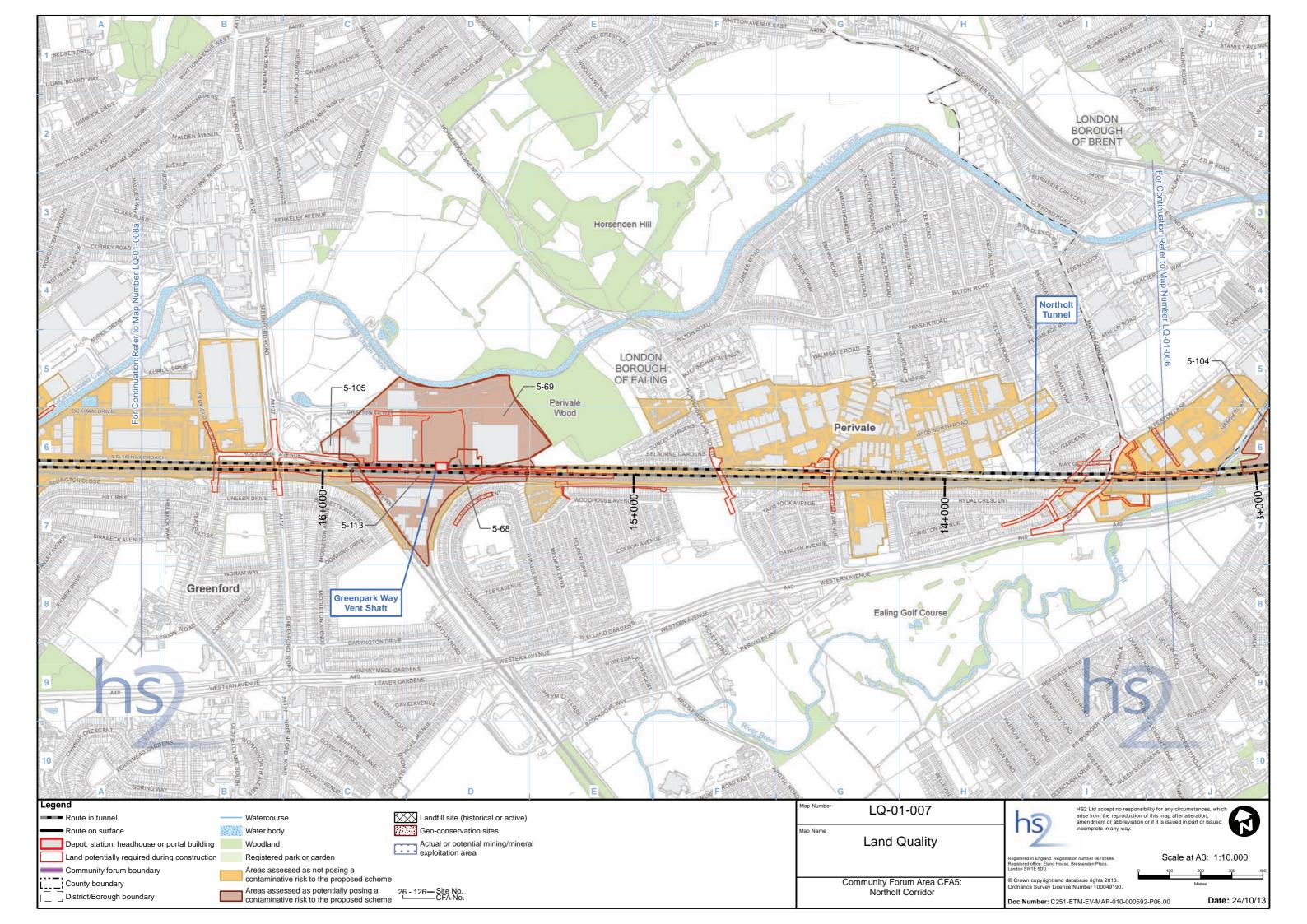


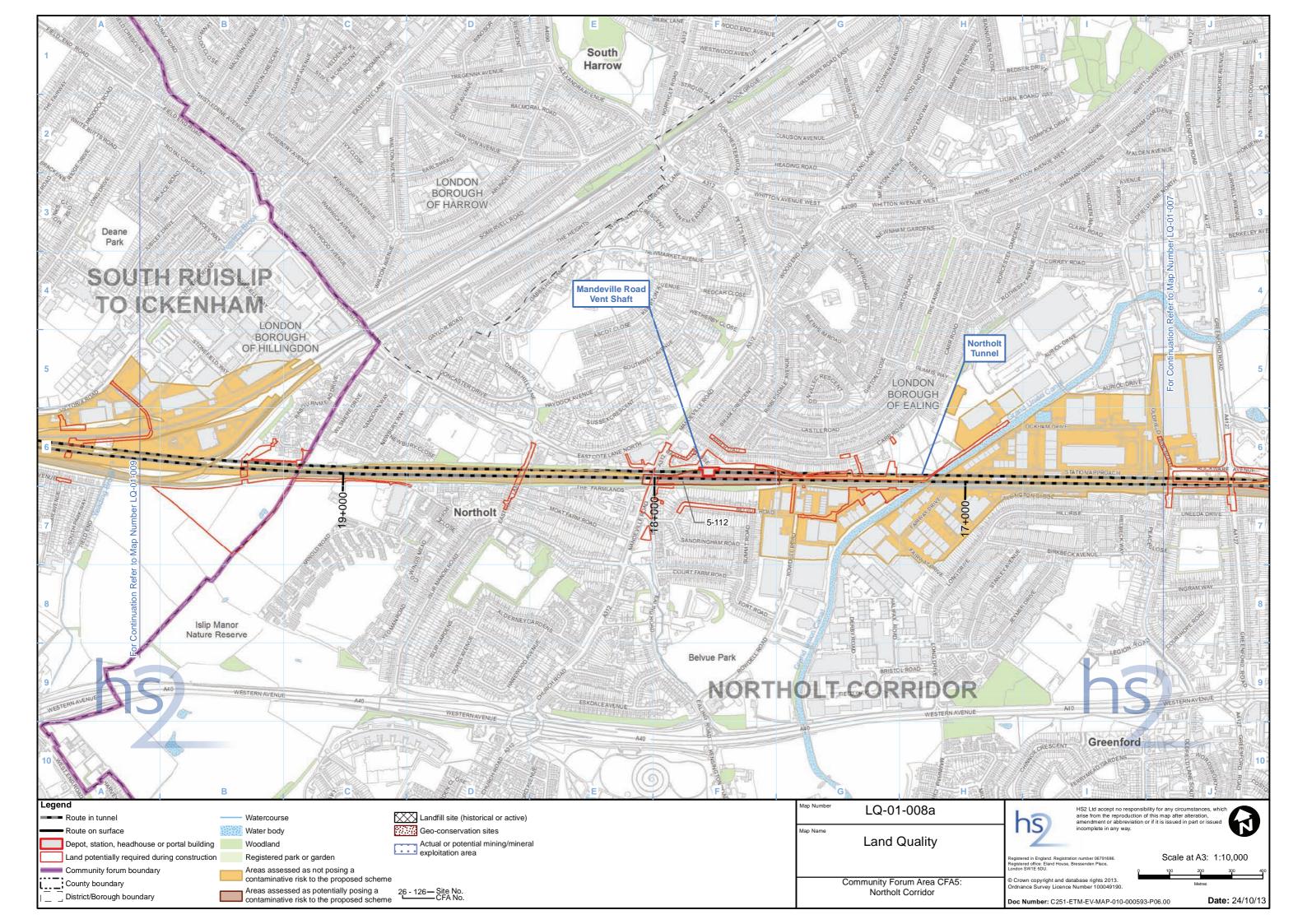
CFA₅ Northolt Corridor LQ-o1 - Land Quality





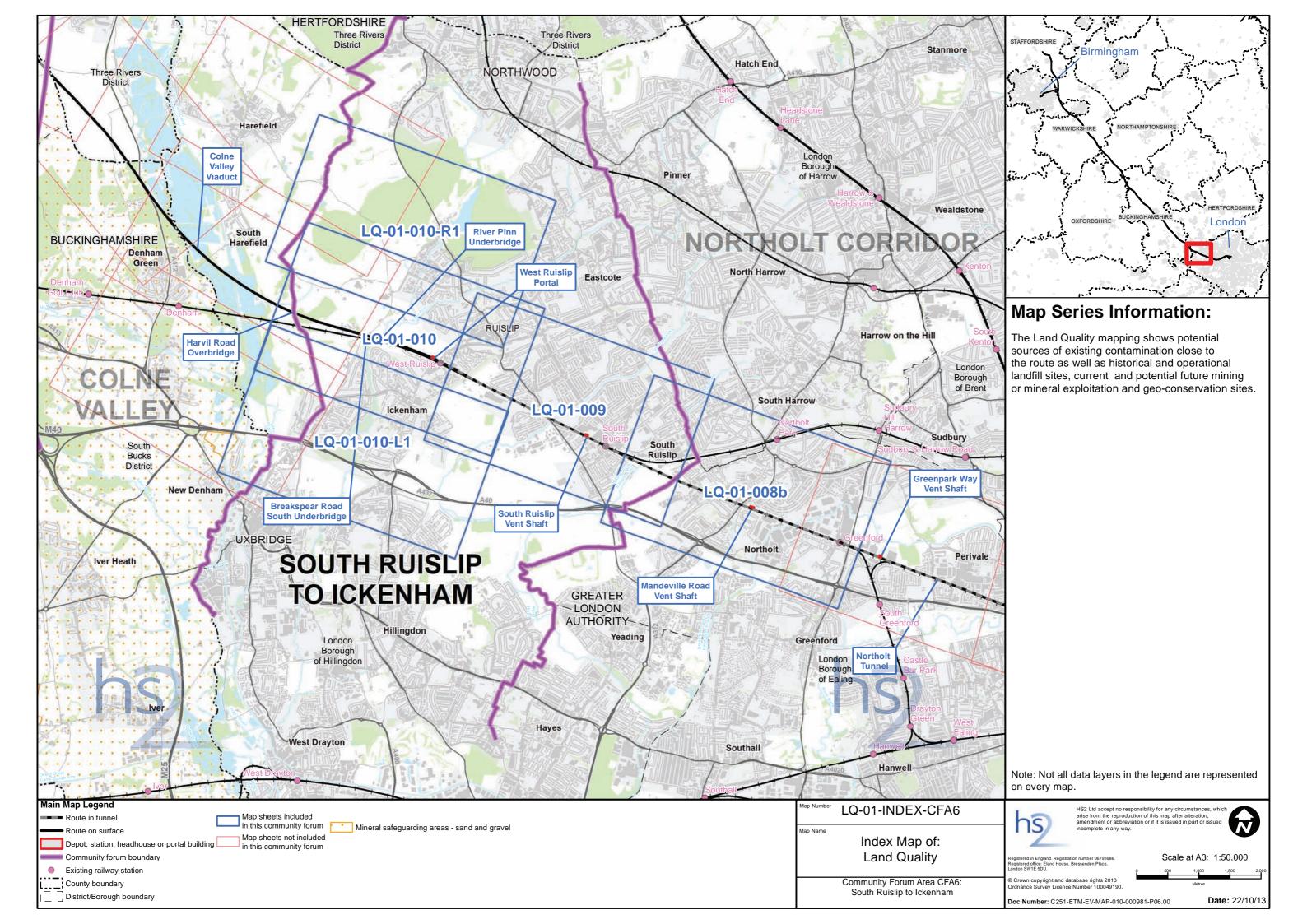


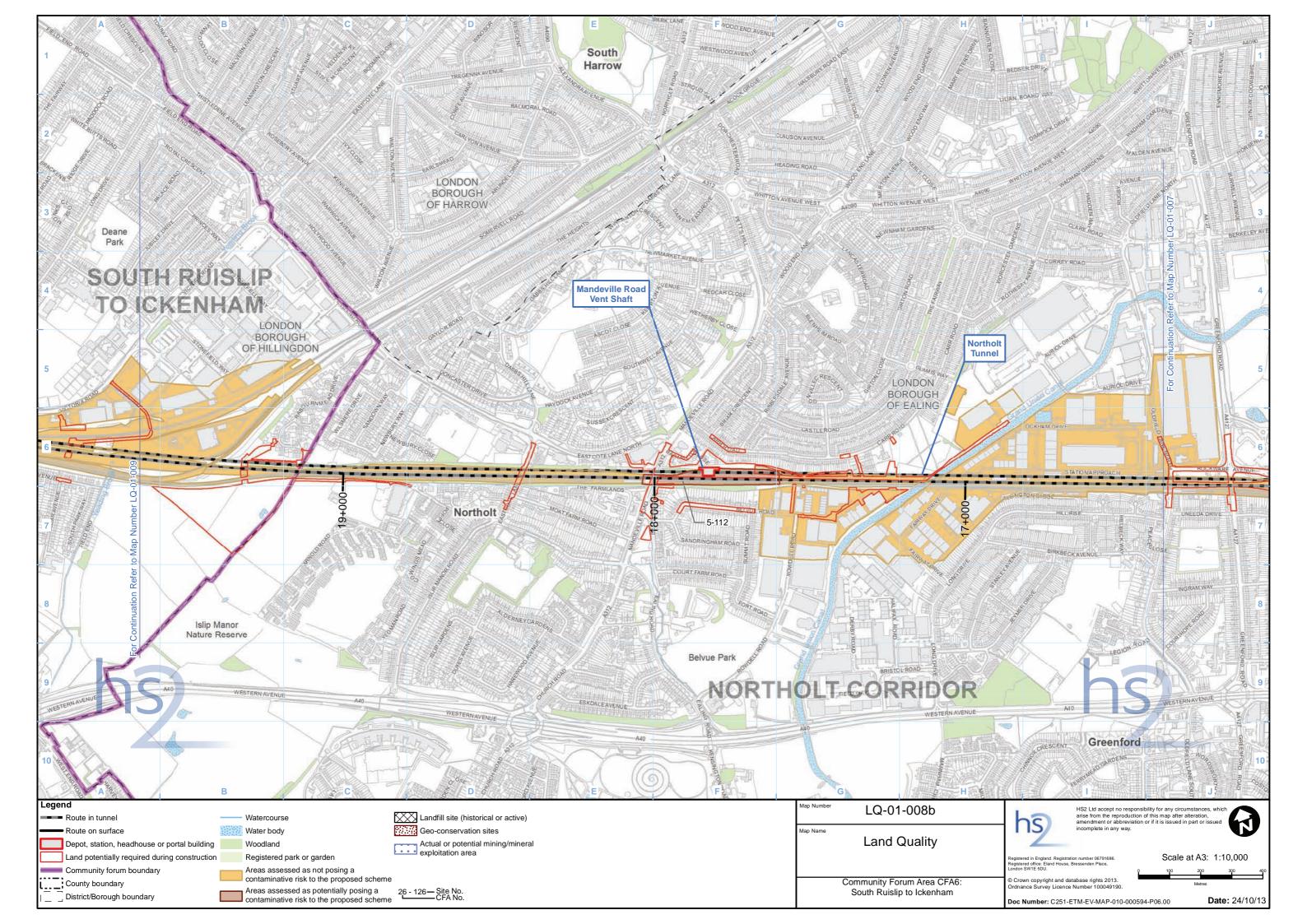


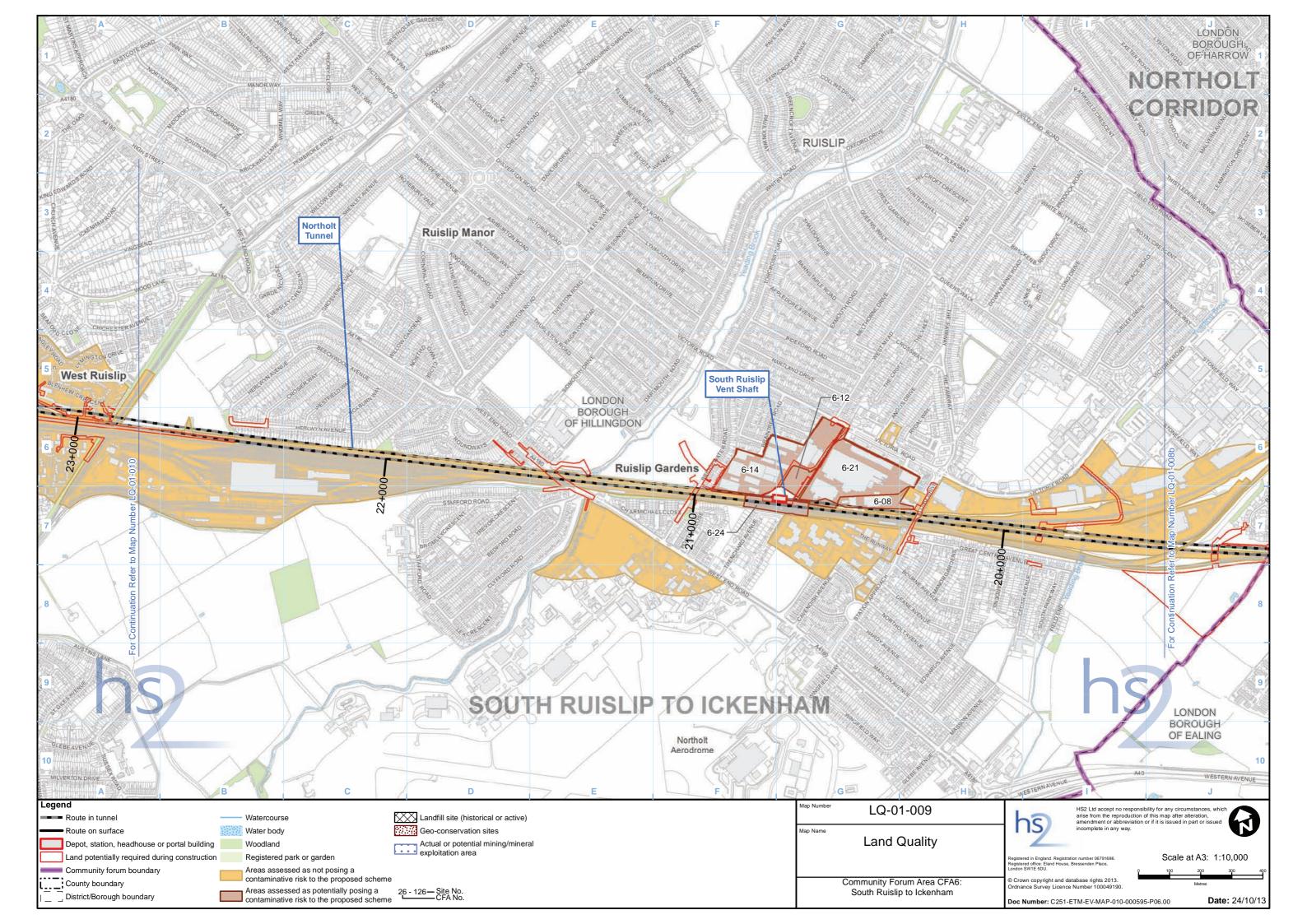


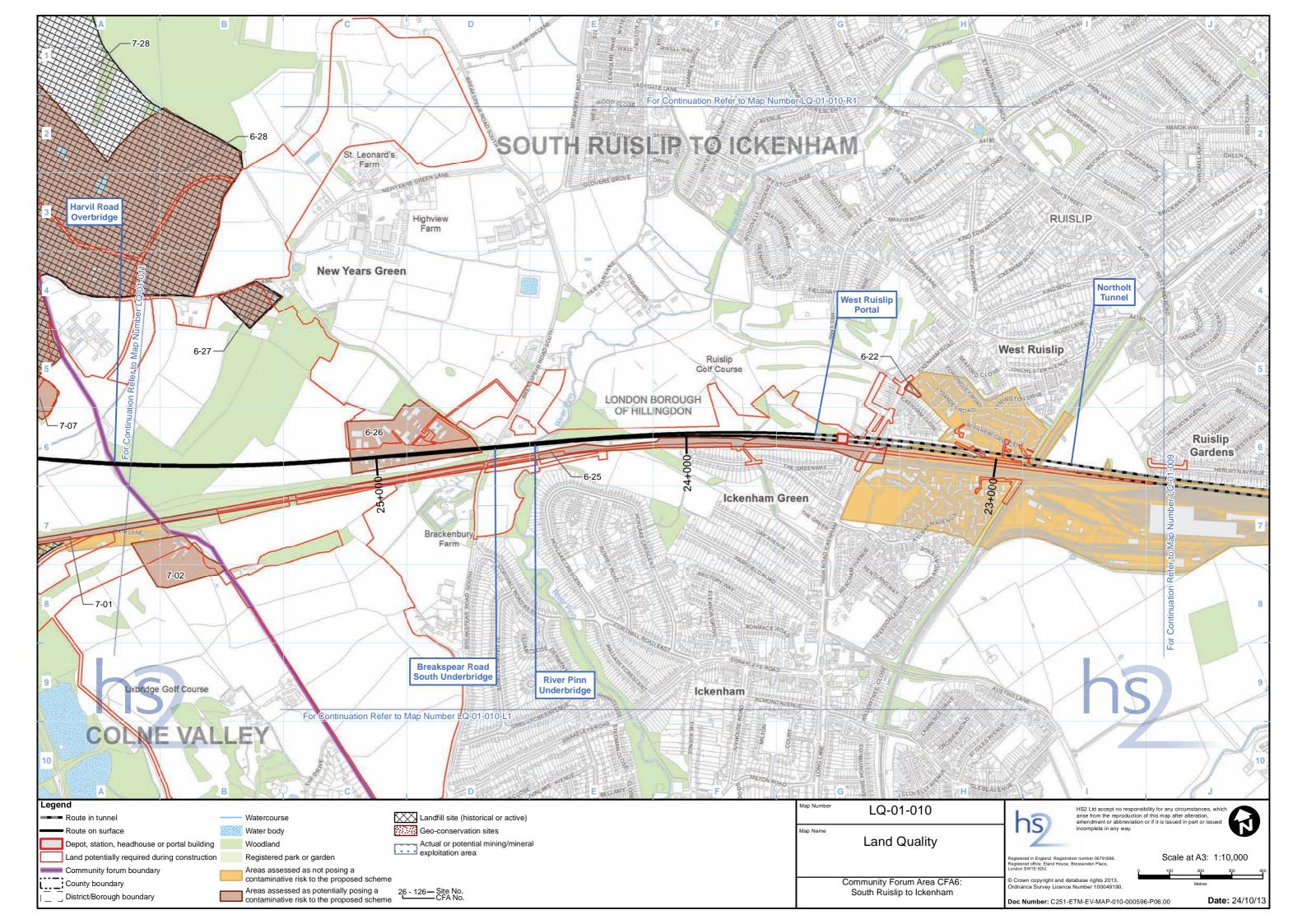


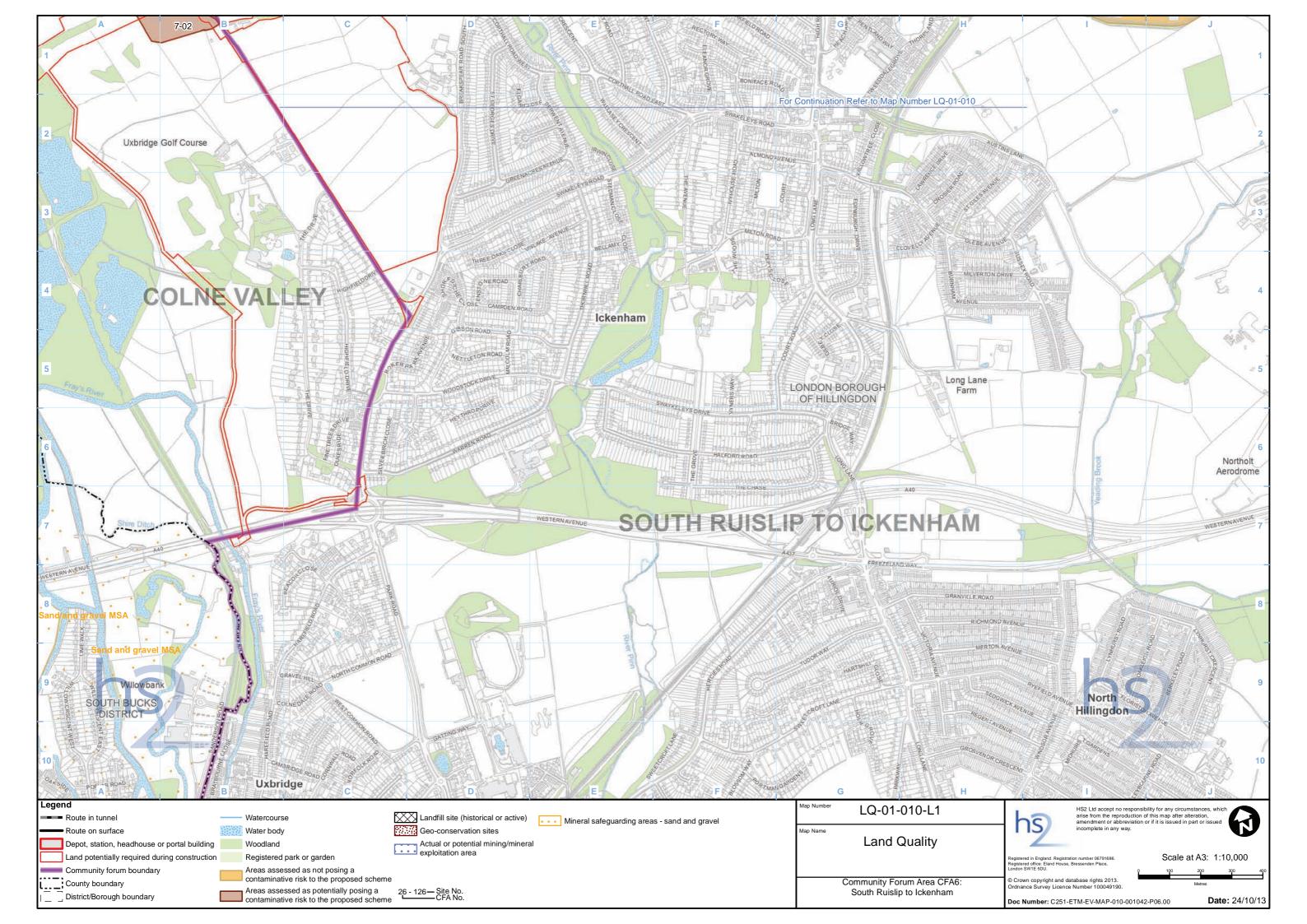
CFA6 | South Ruislip to Ickenham LQ-01 - Land Quality

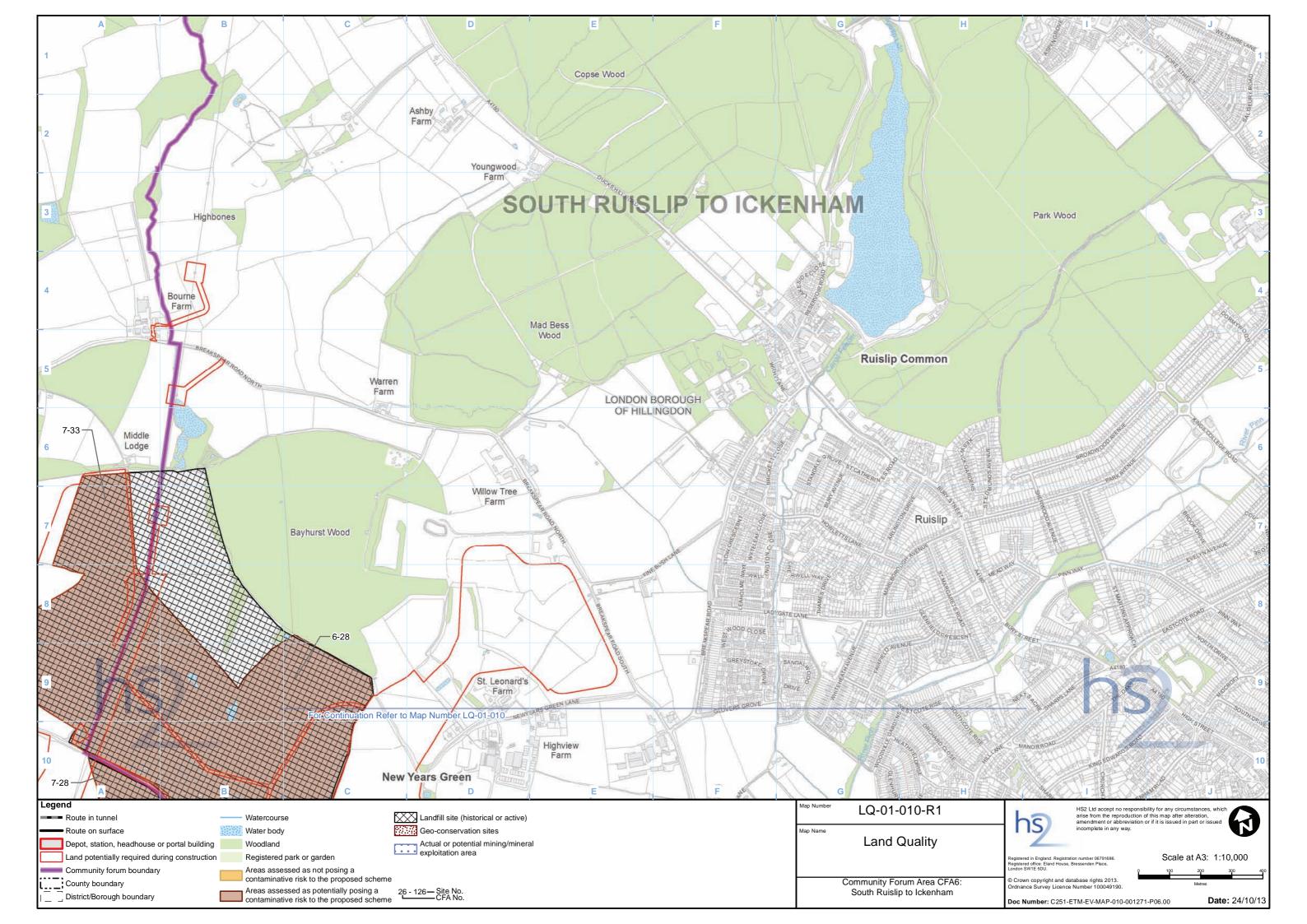






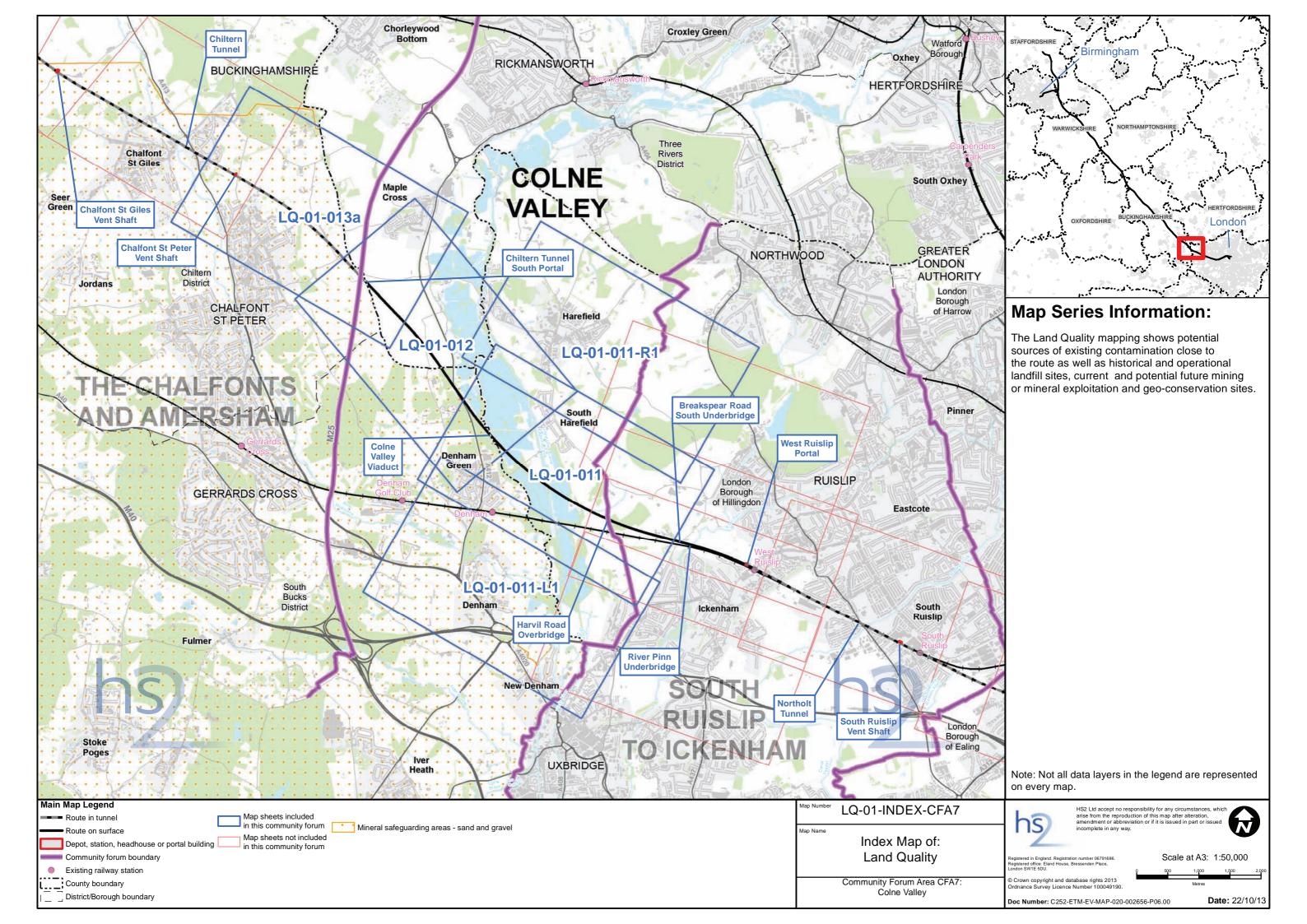


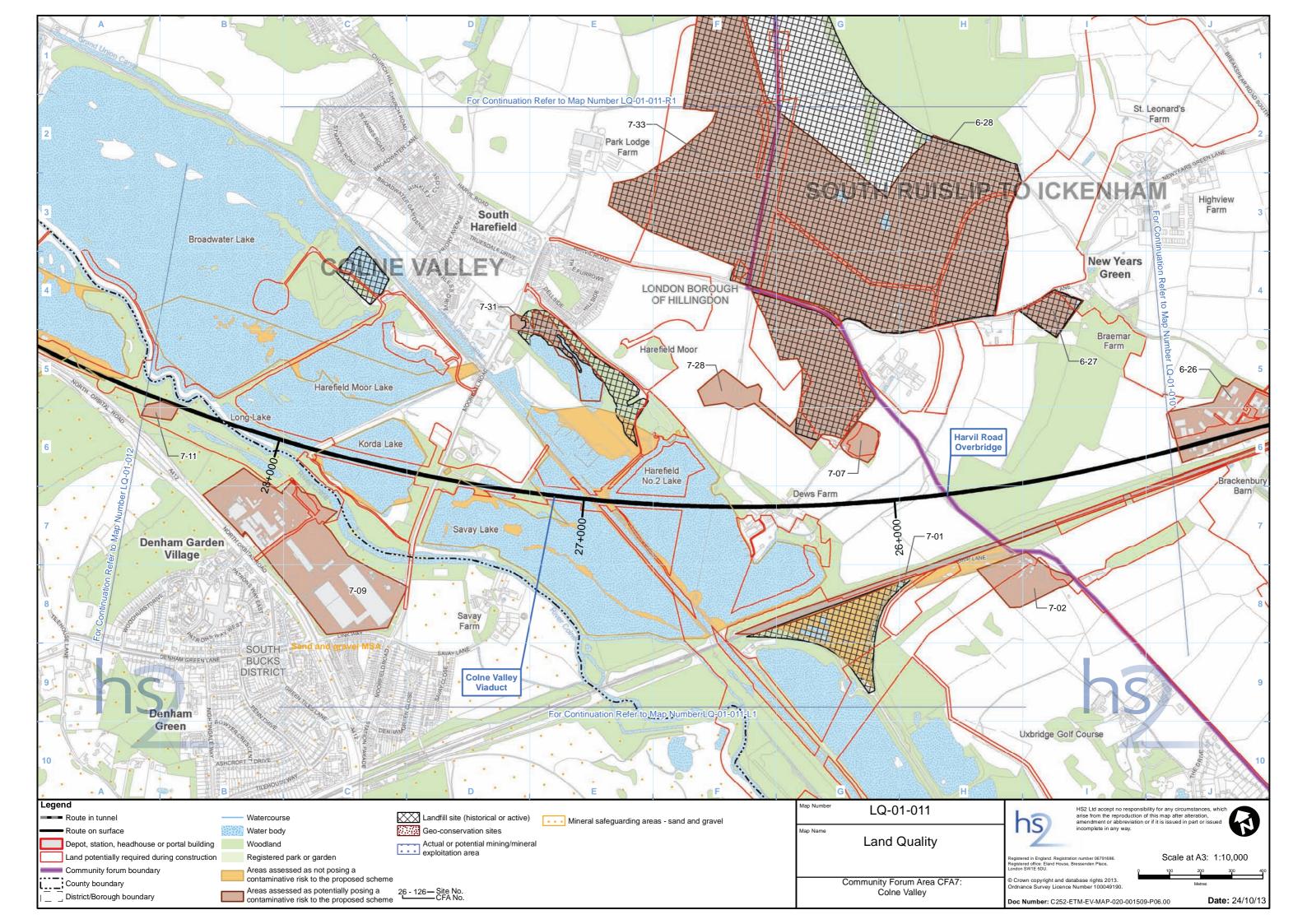


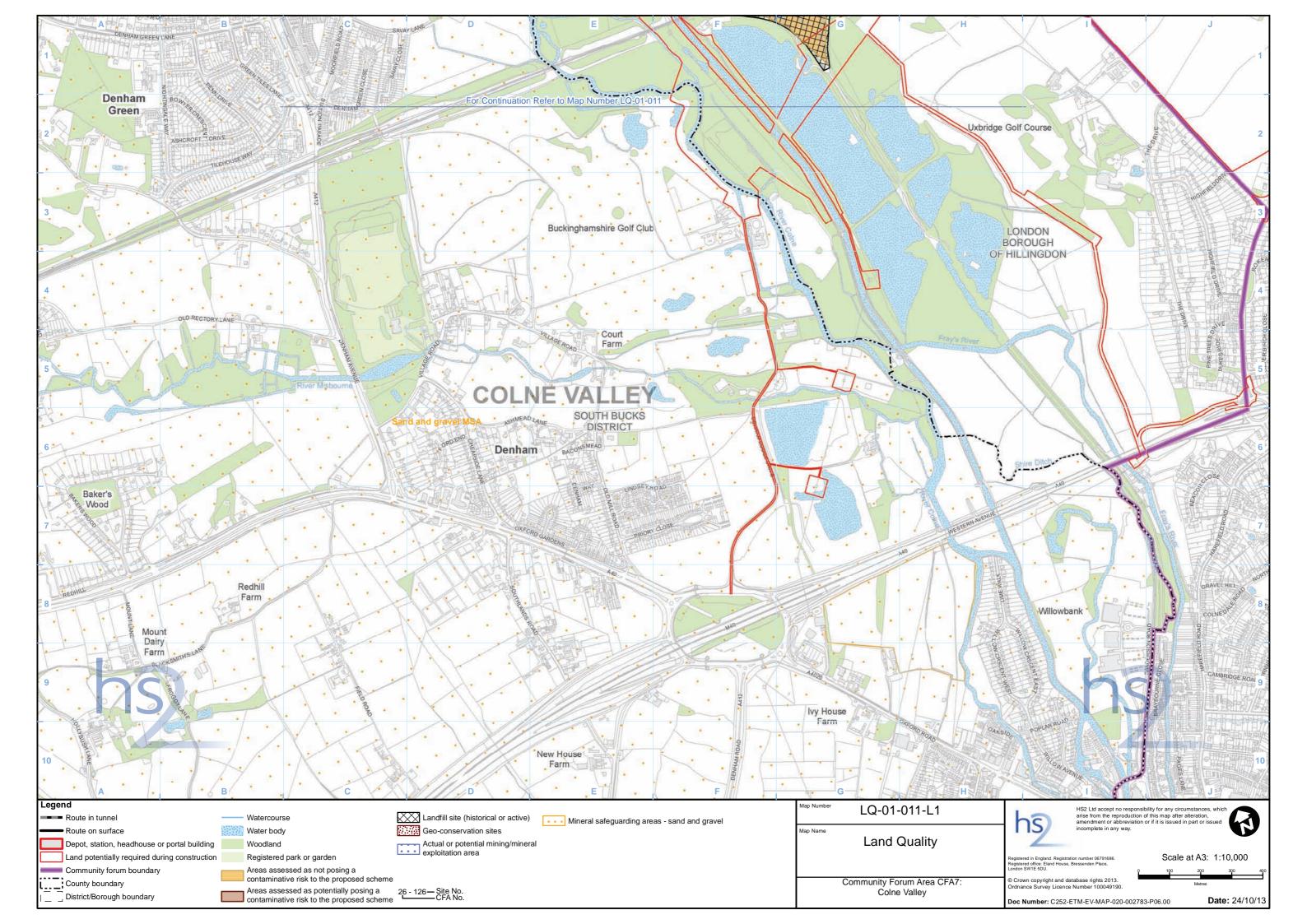


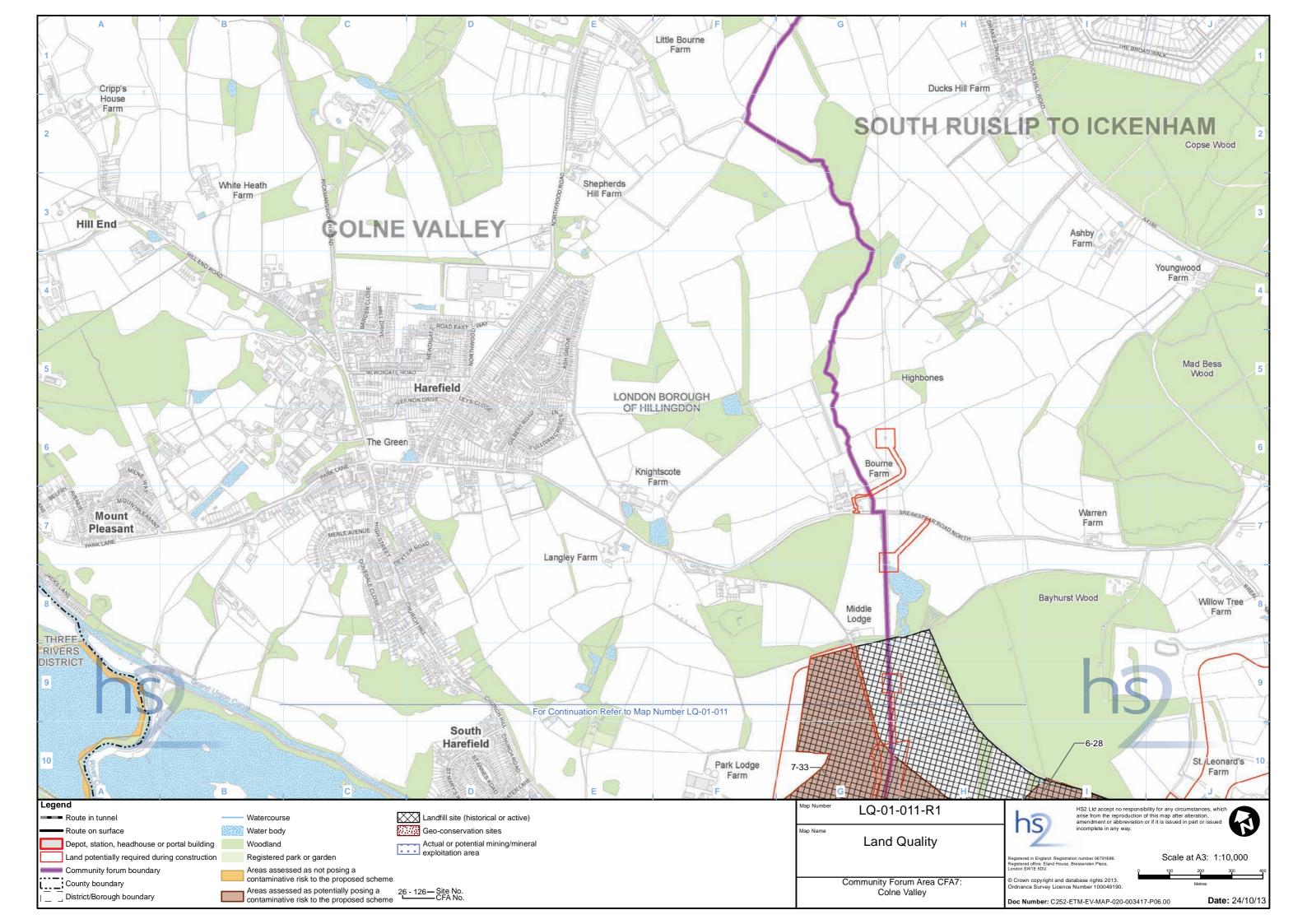


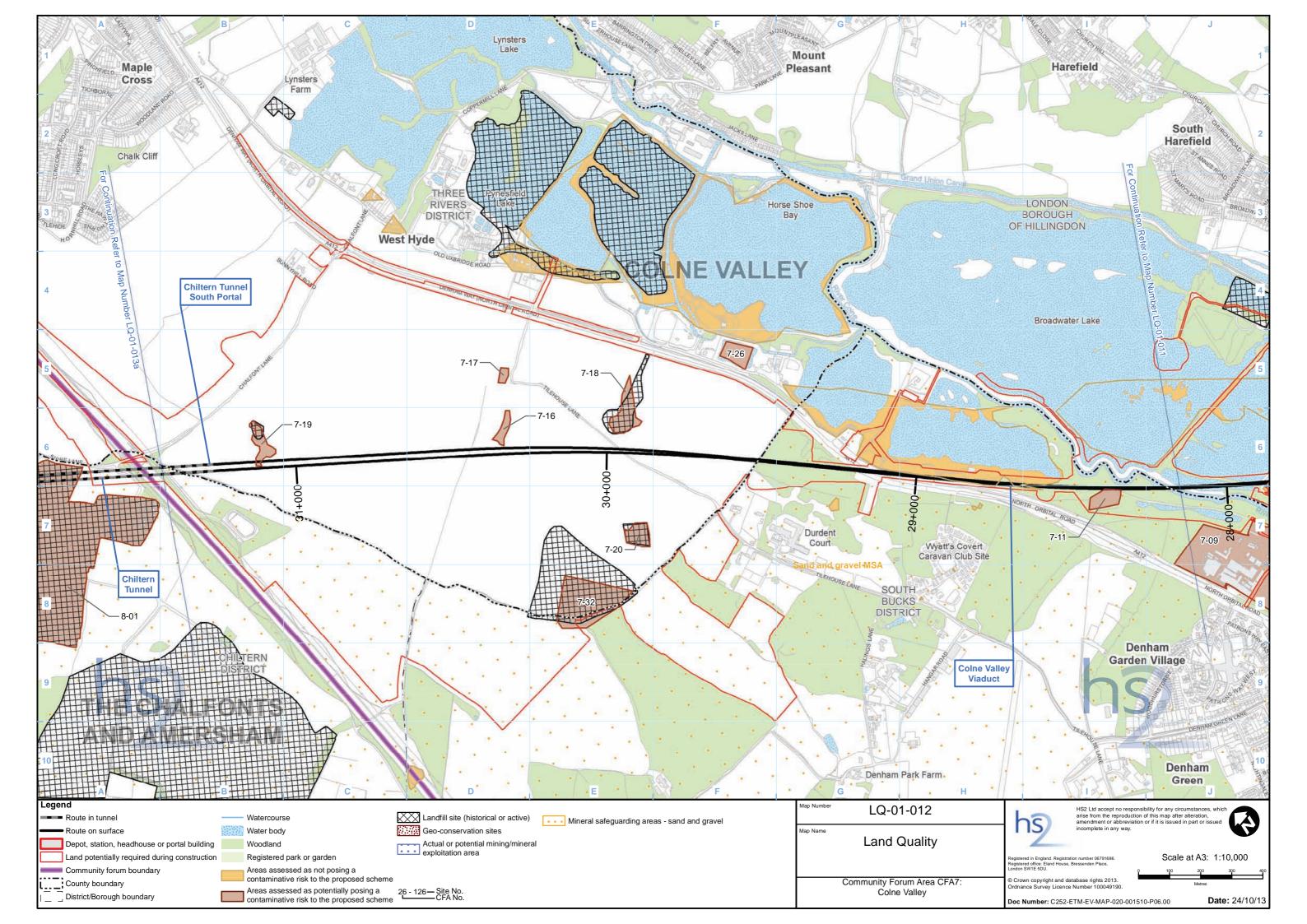
CFA7 | Colne Valley LQ-01 - Land Quality

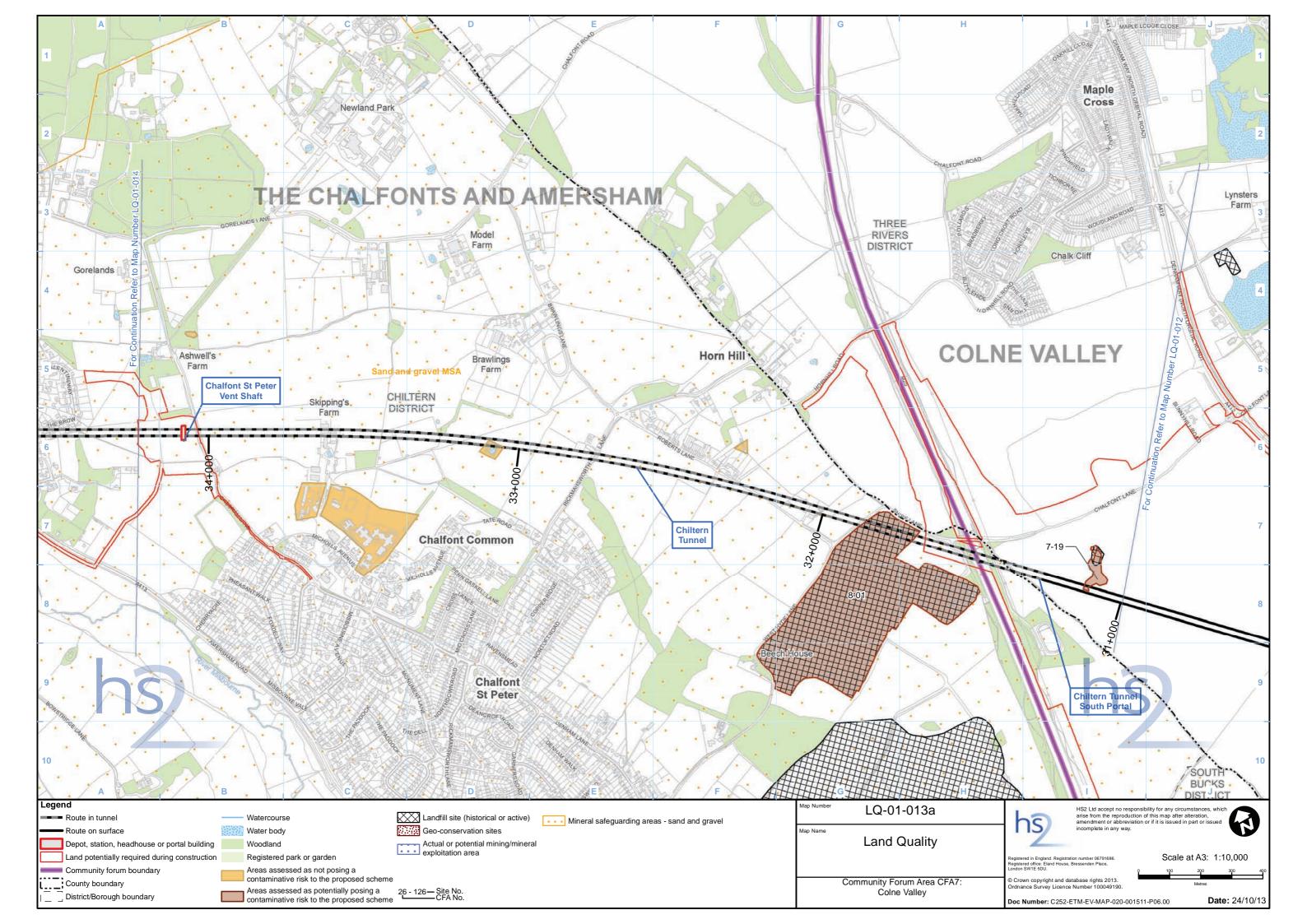






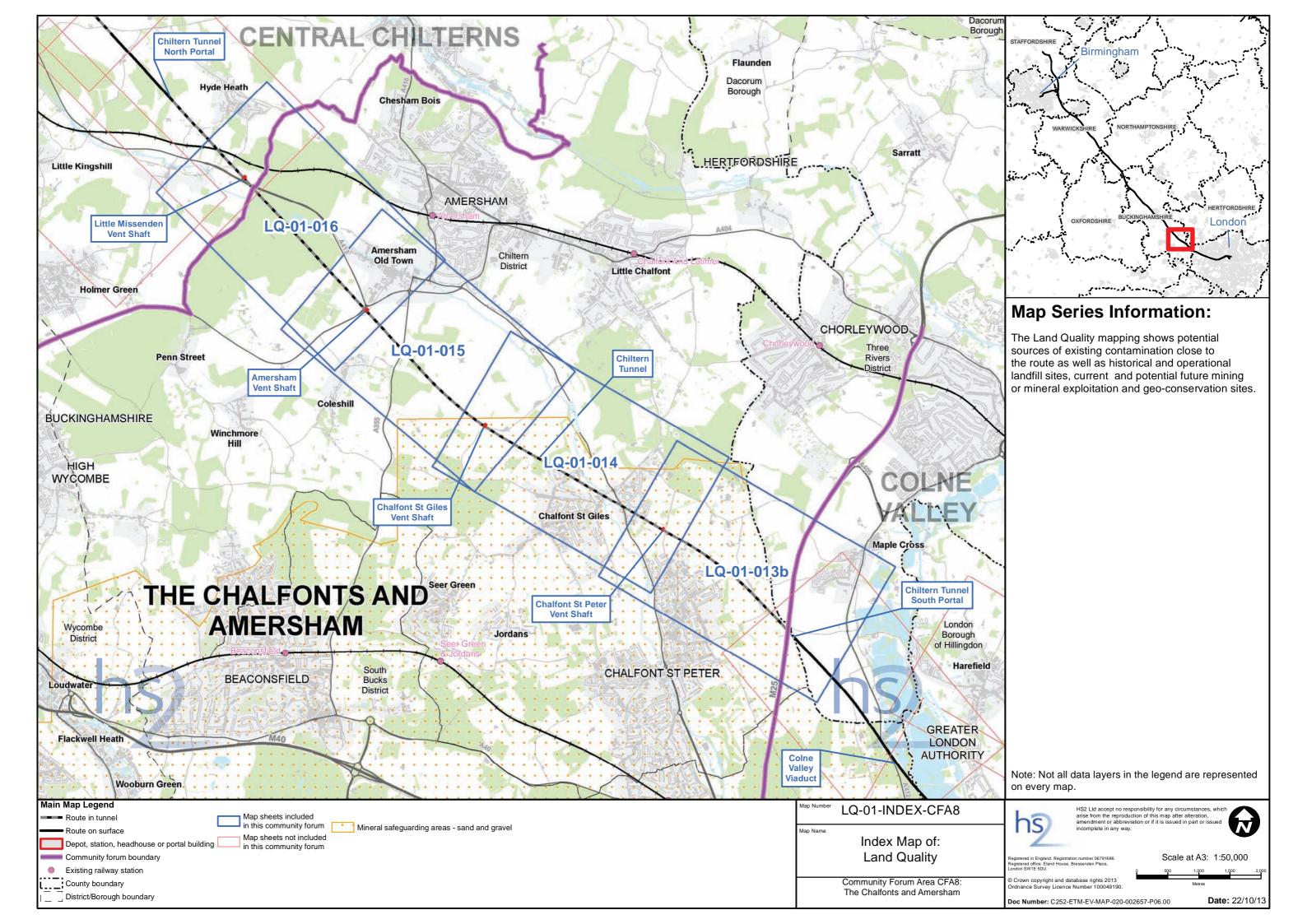


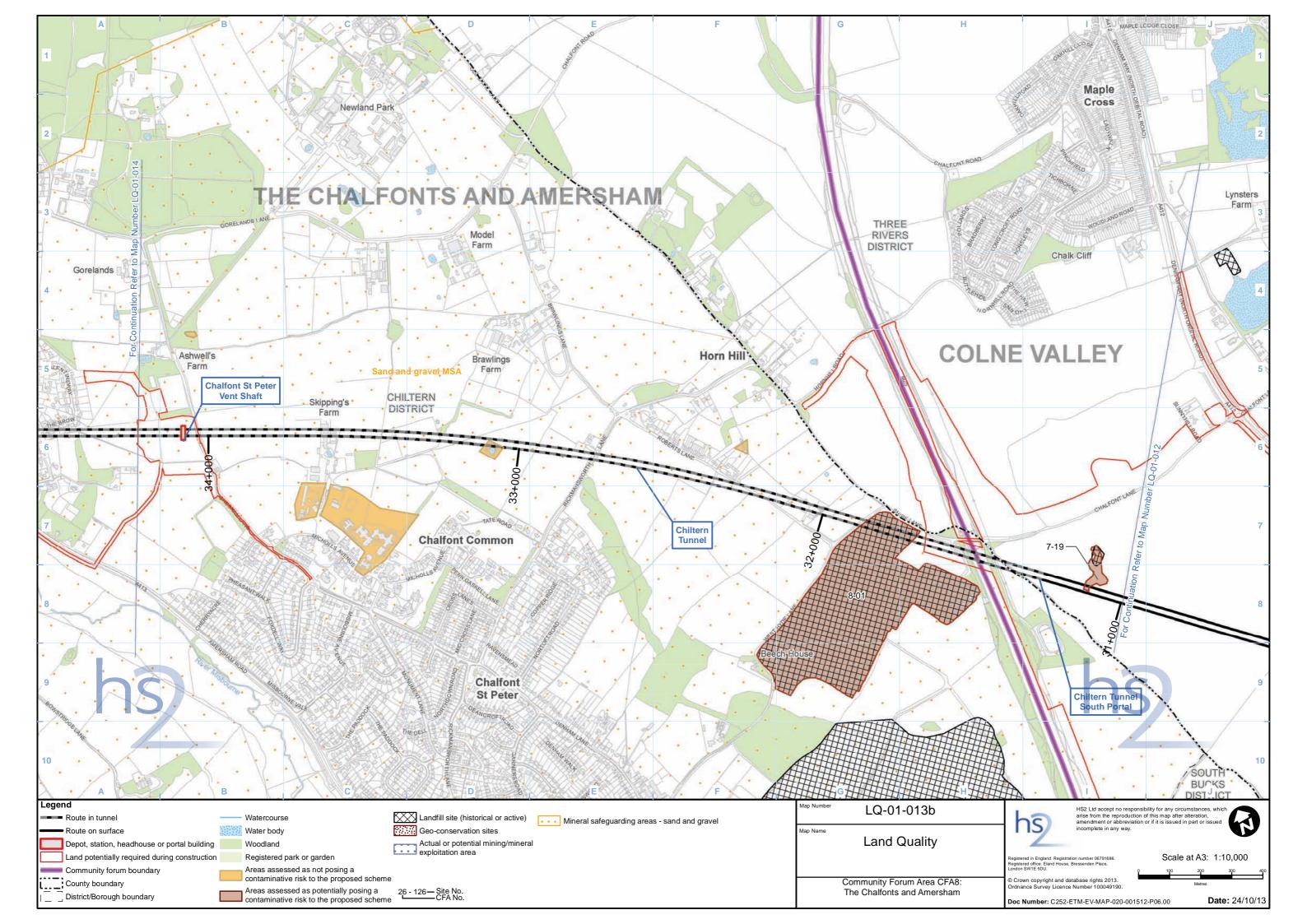


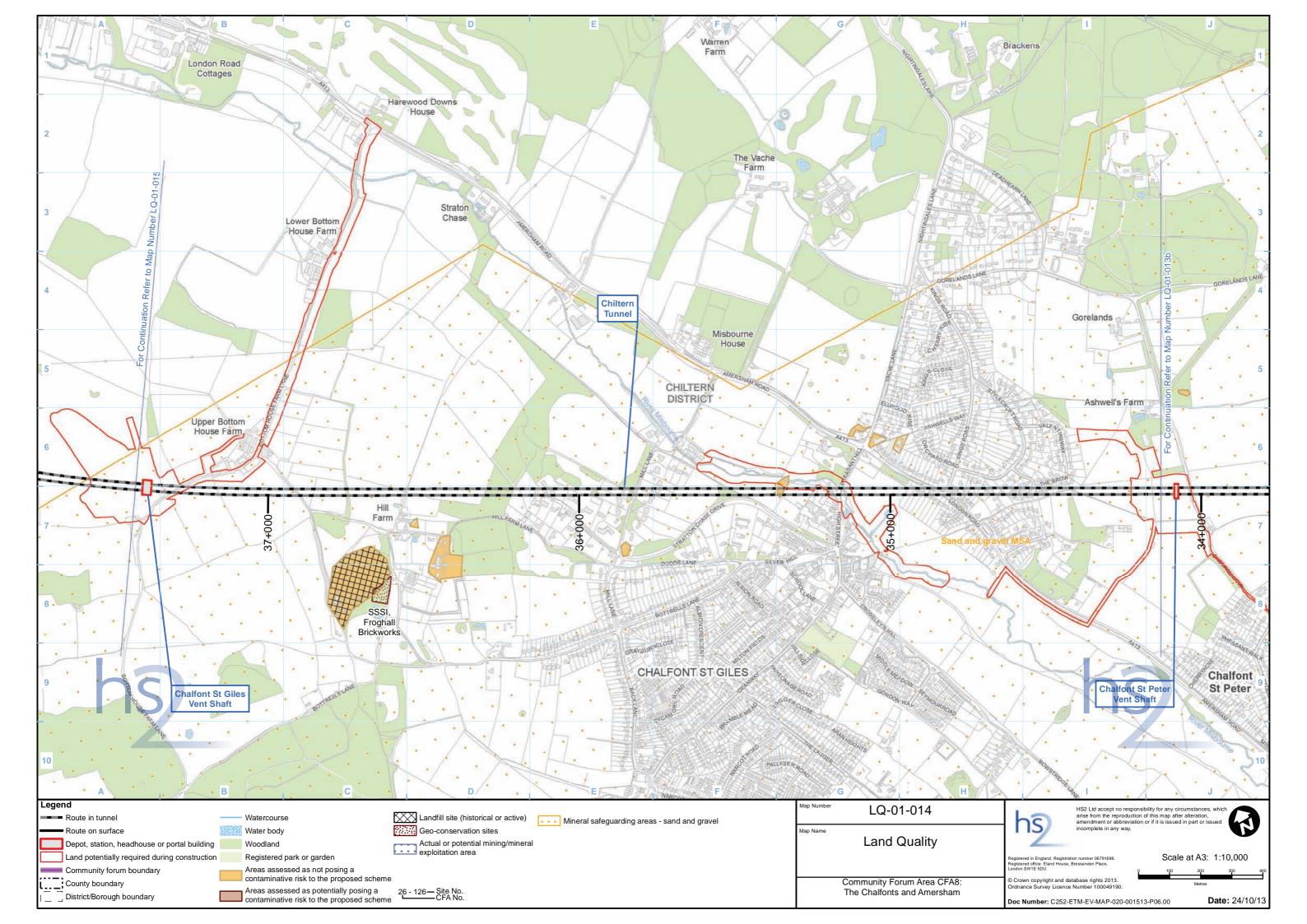


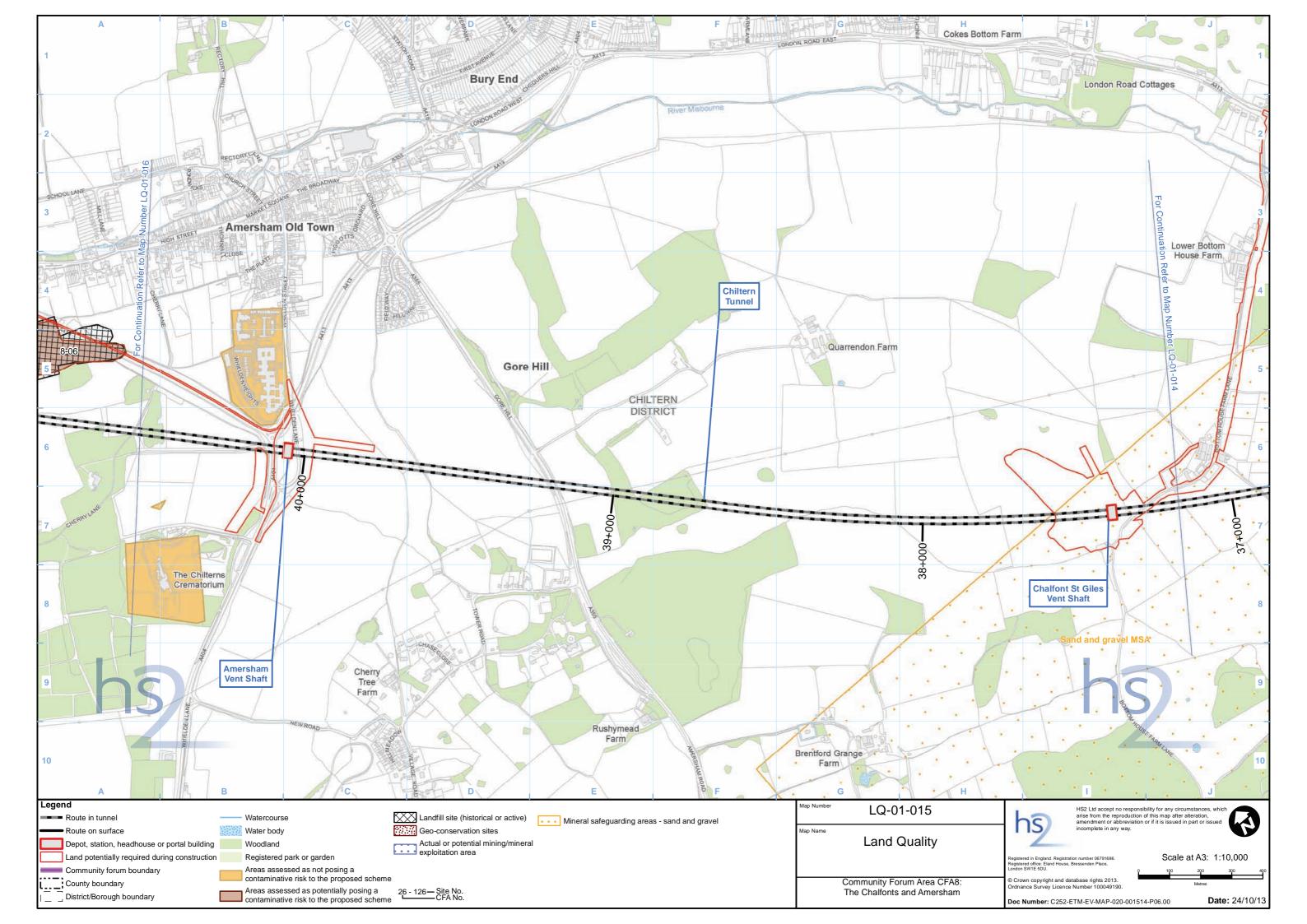


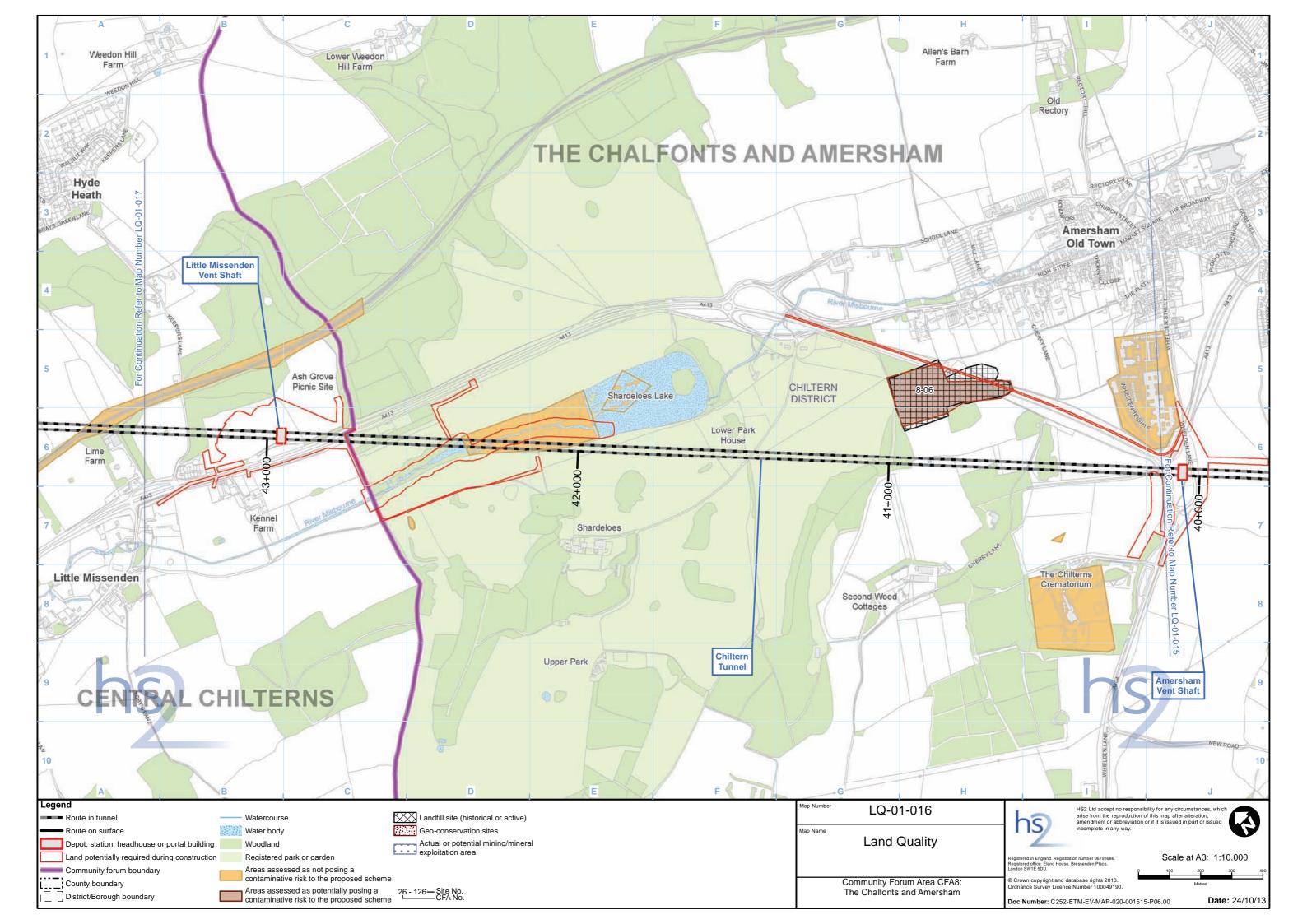
CFA8 | The Chalfonts and Amersham LQ-01 - Land Quality





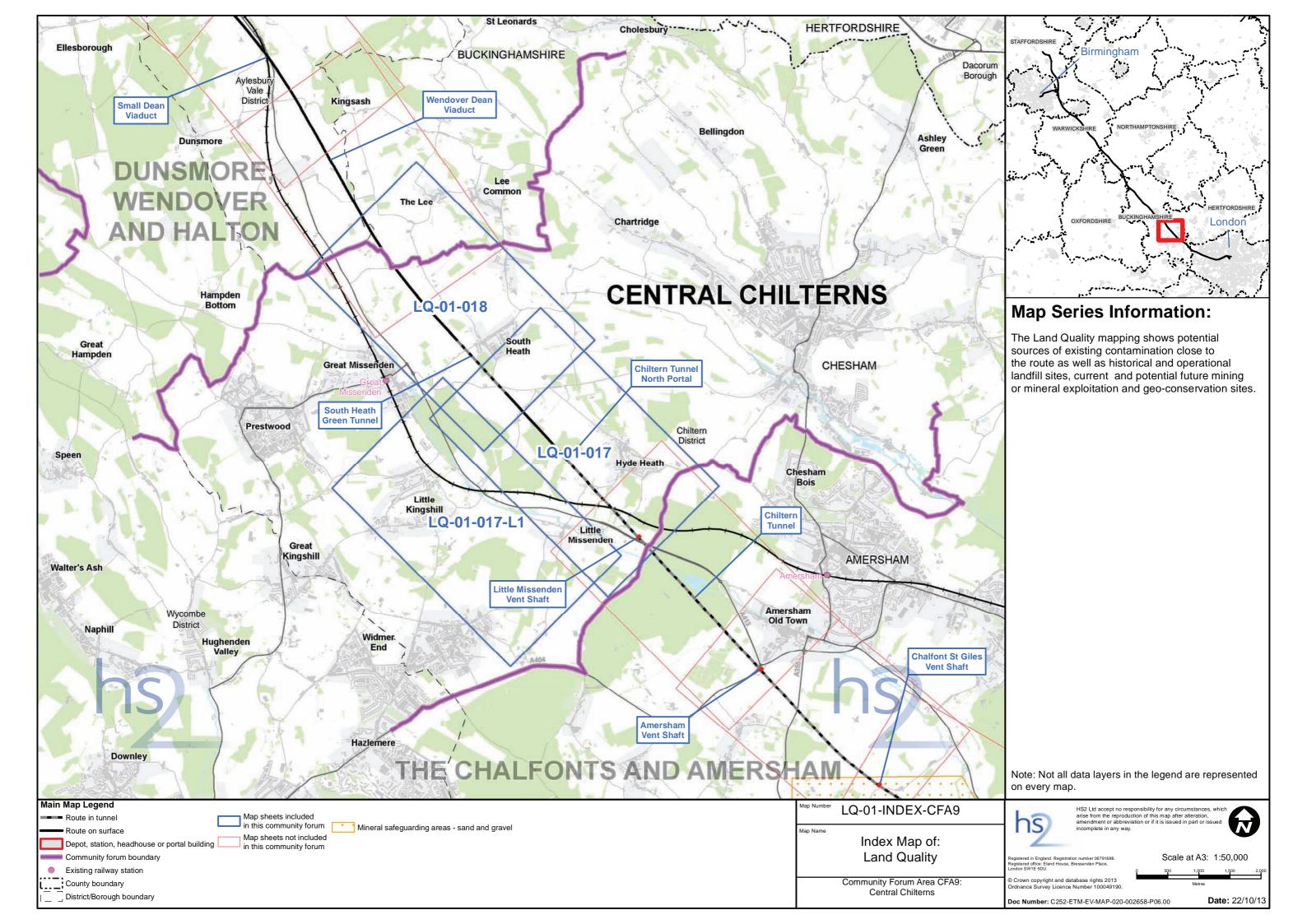


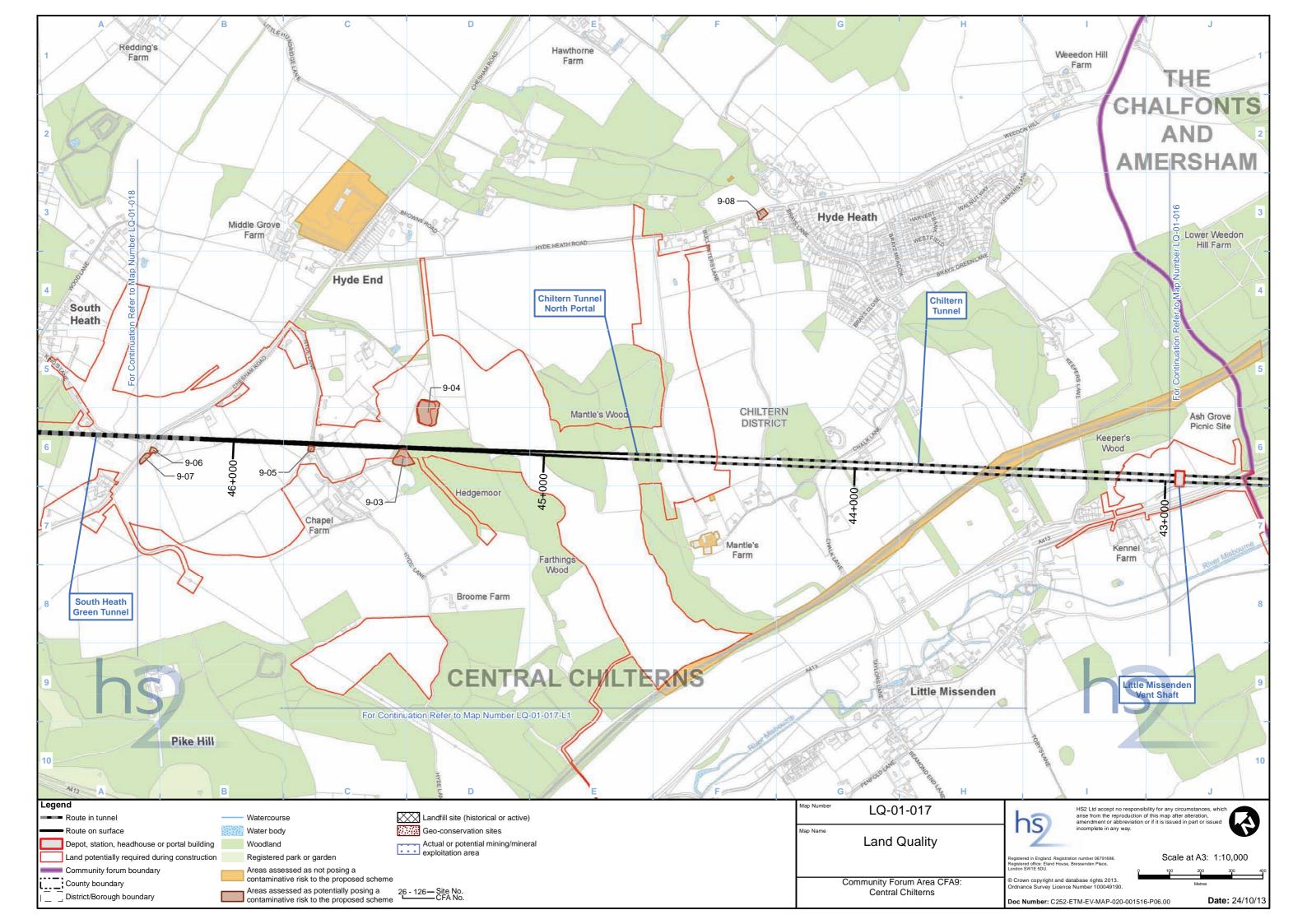


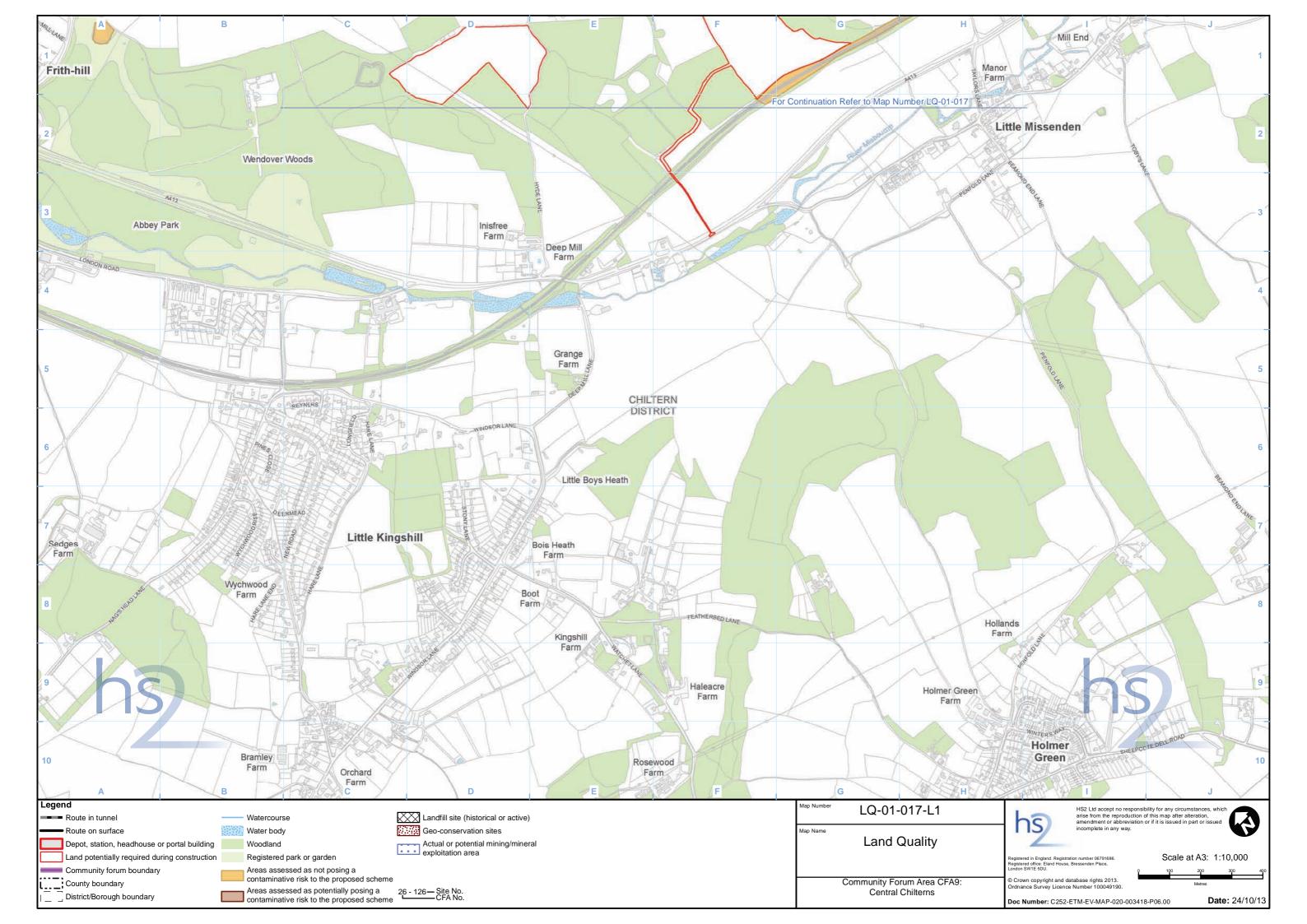


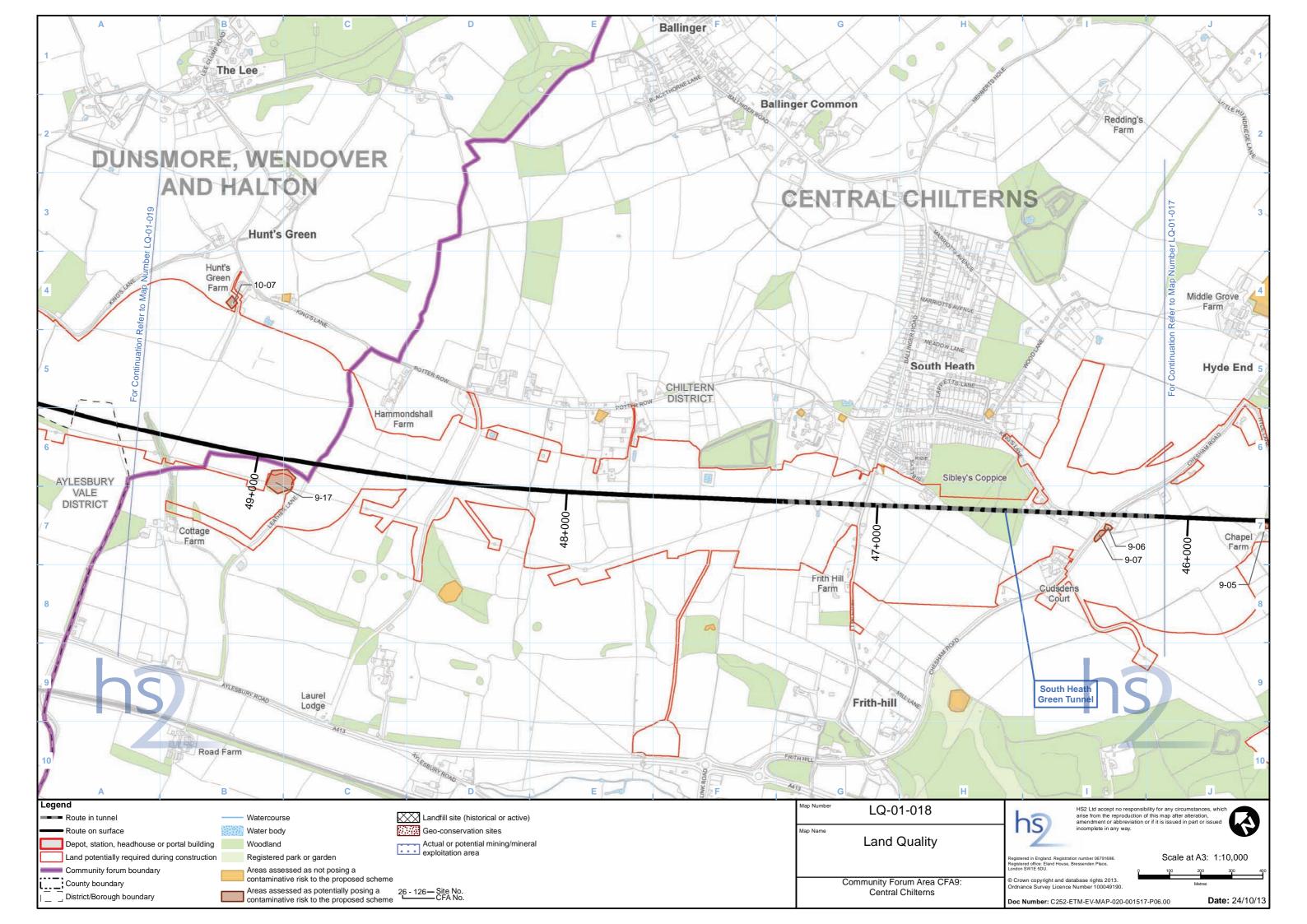


CFA9 | Central Chilterns LQ-01 - Land Quality



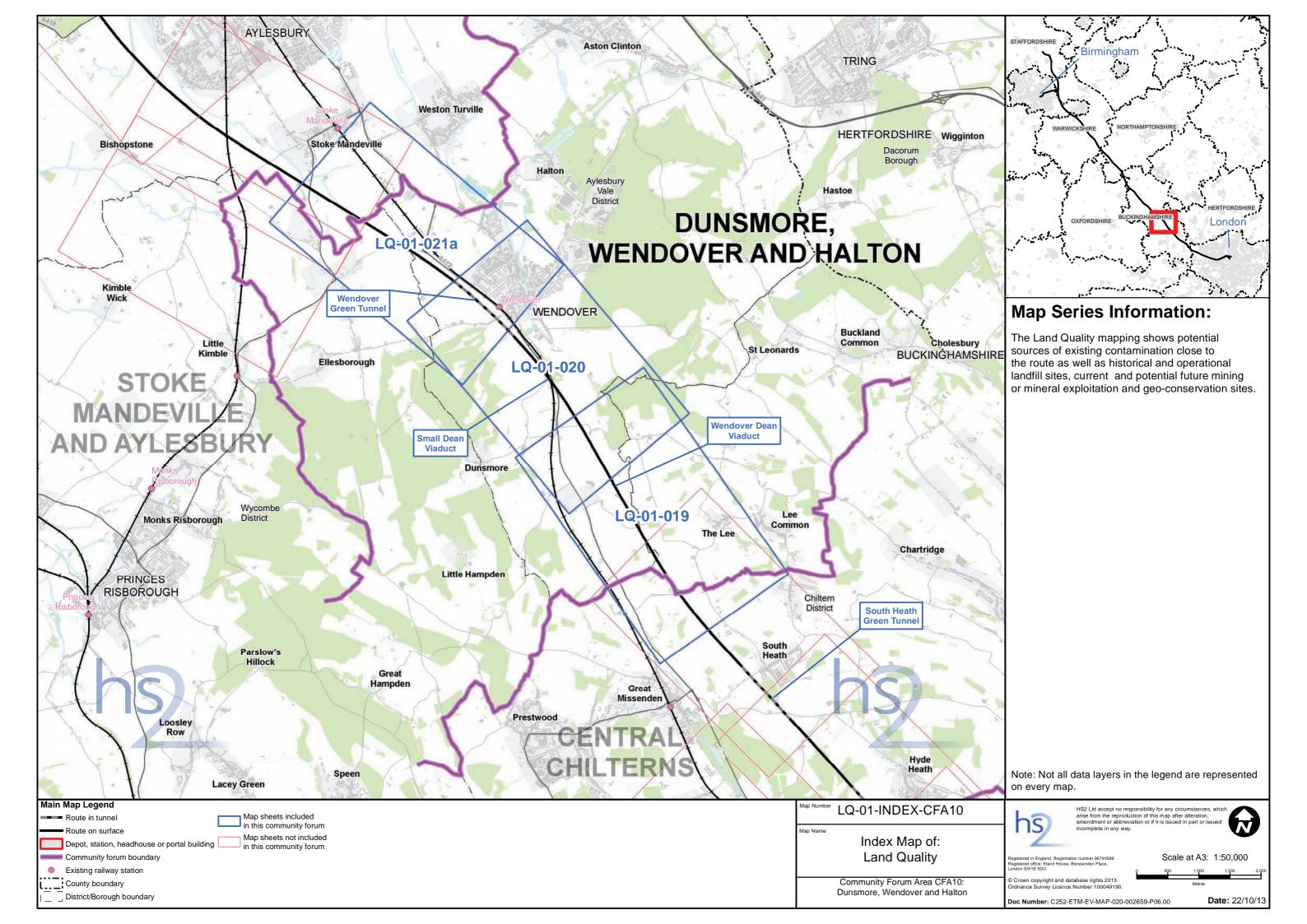


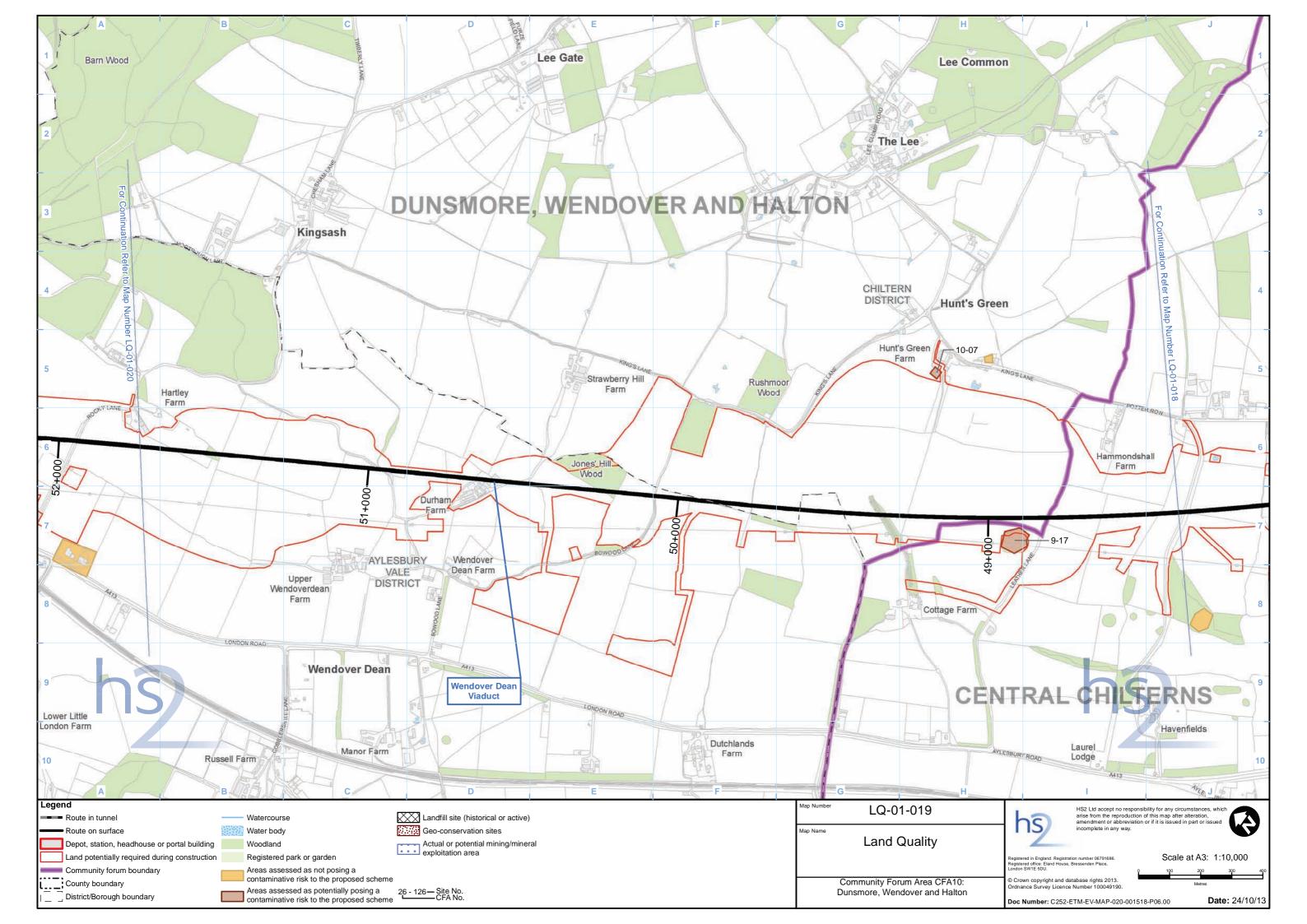


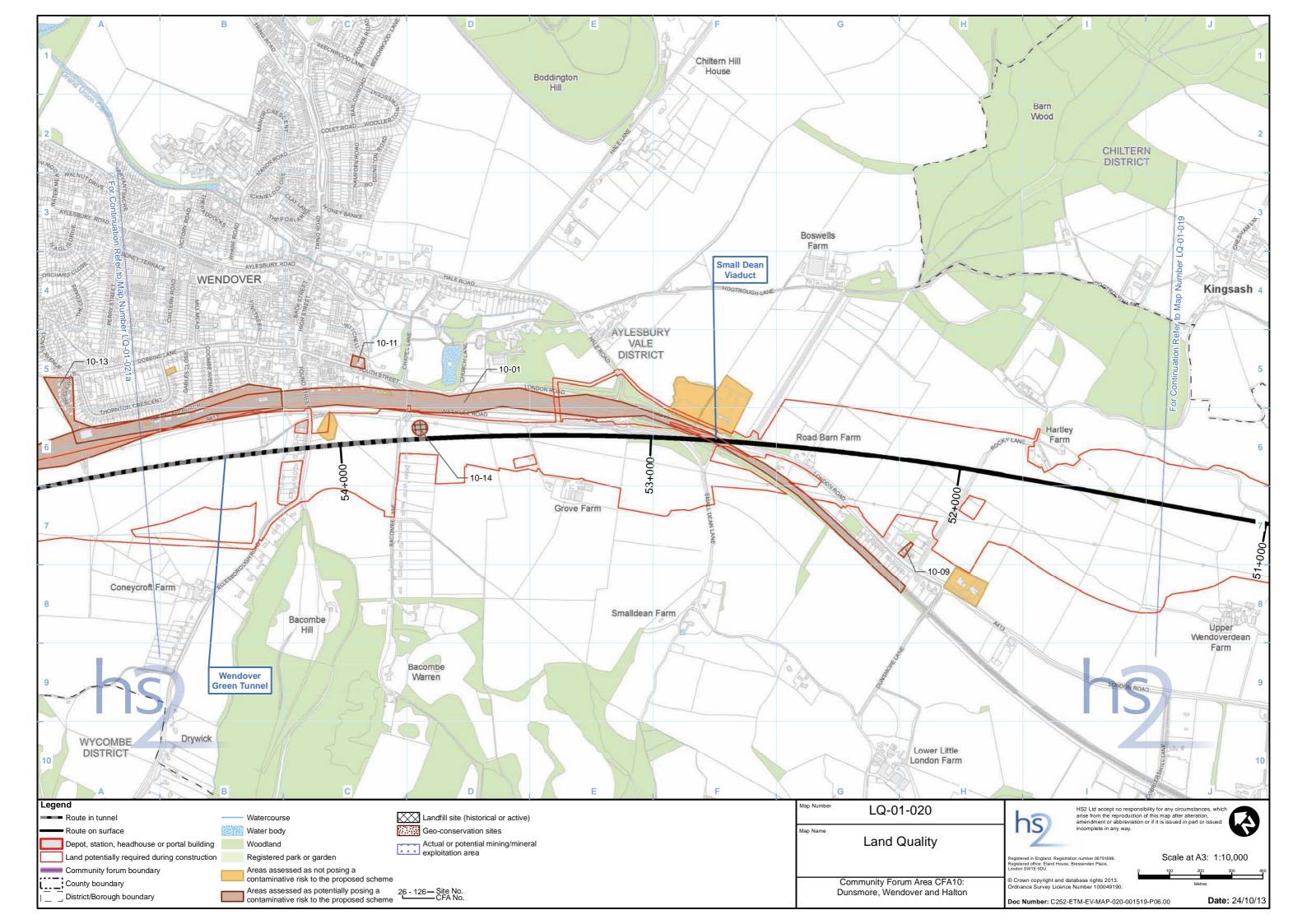


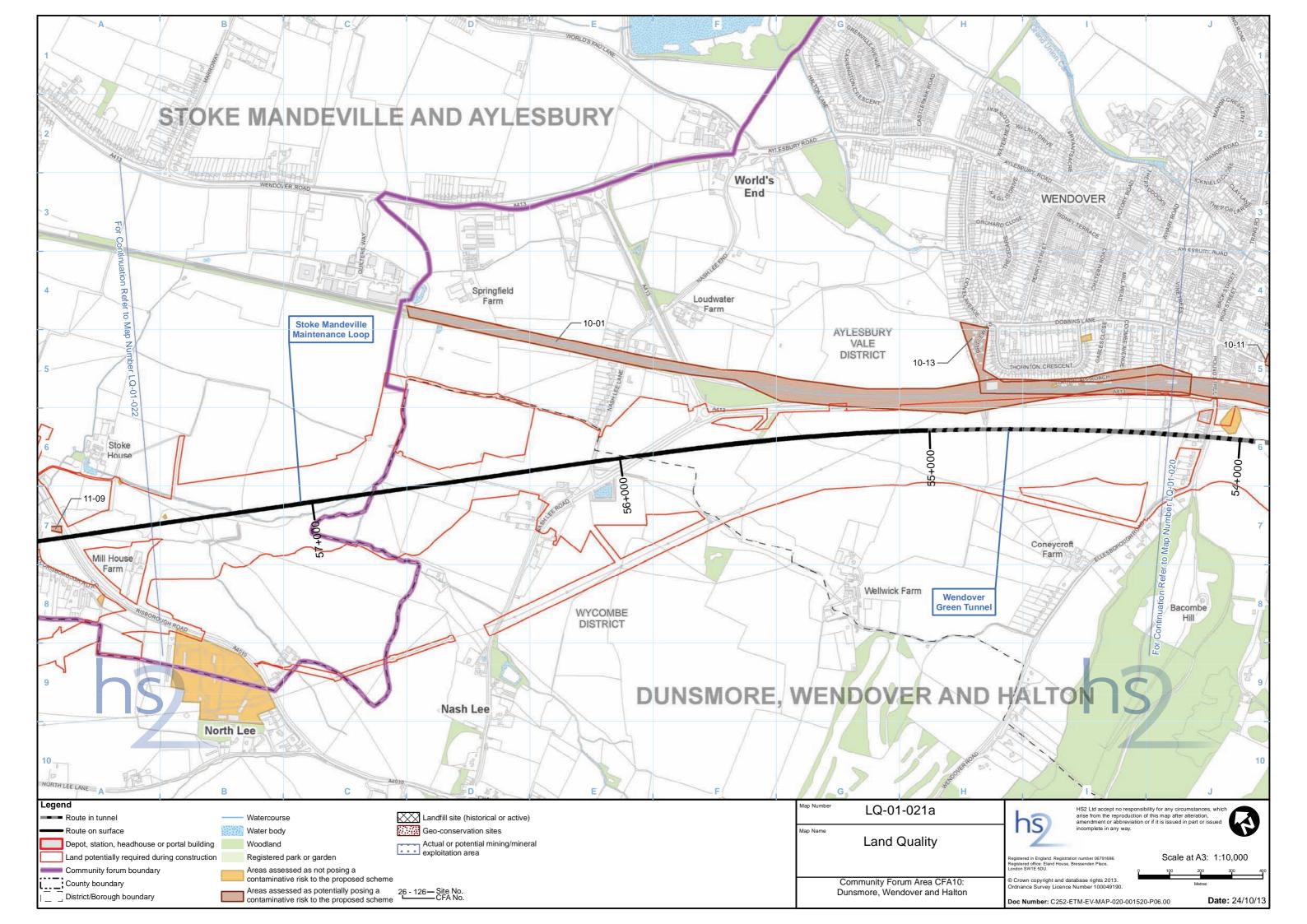


CFA10 | Dunsmore, Wendover and Halton LQ-01 - Land Quality



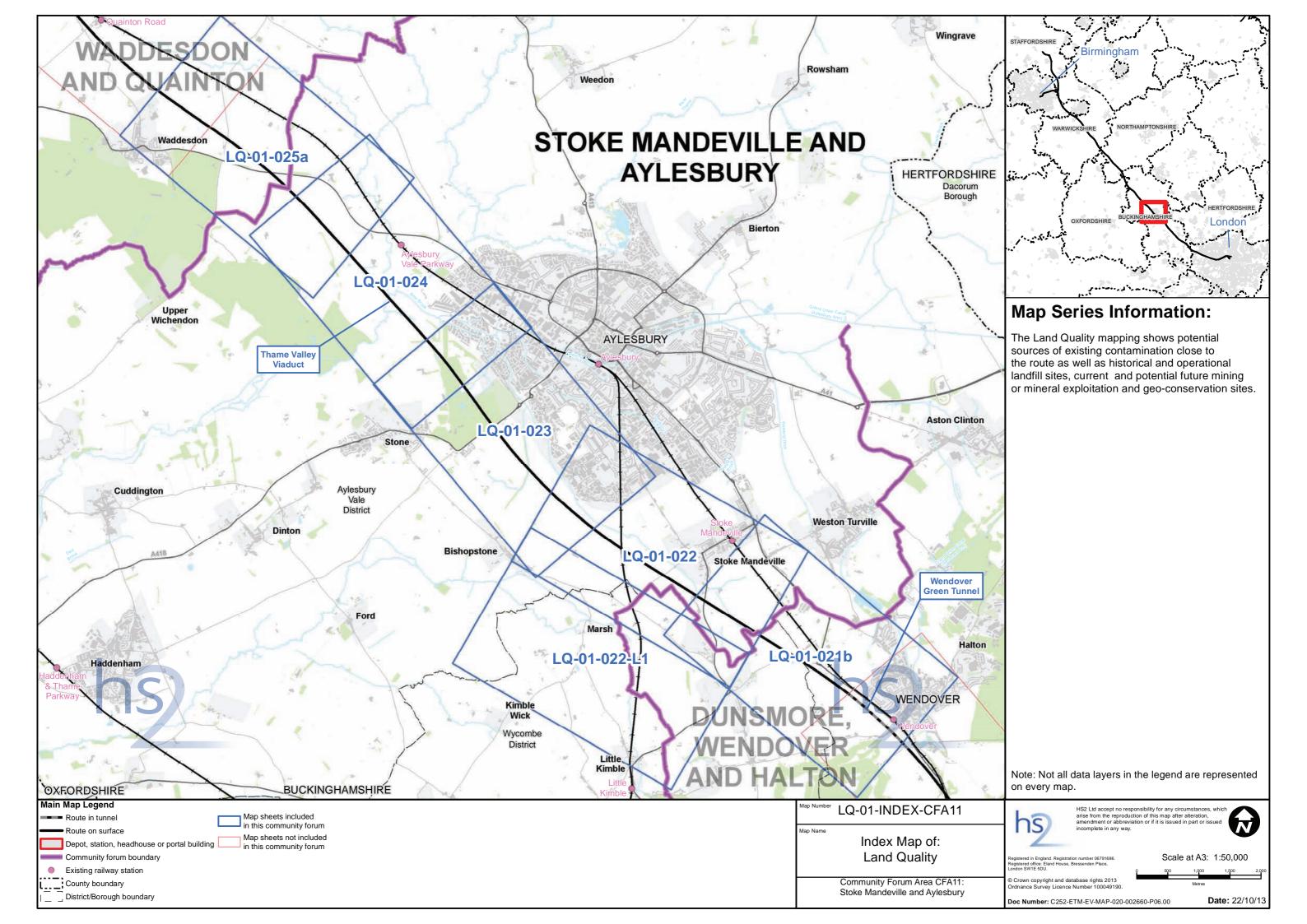


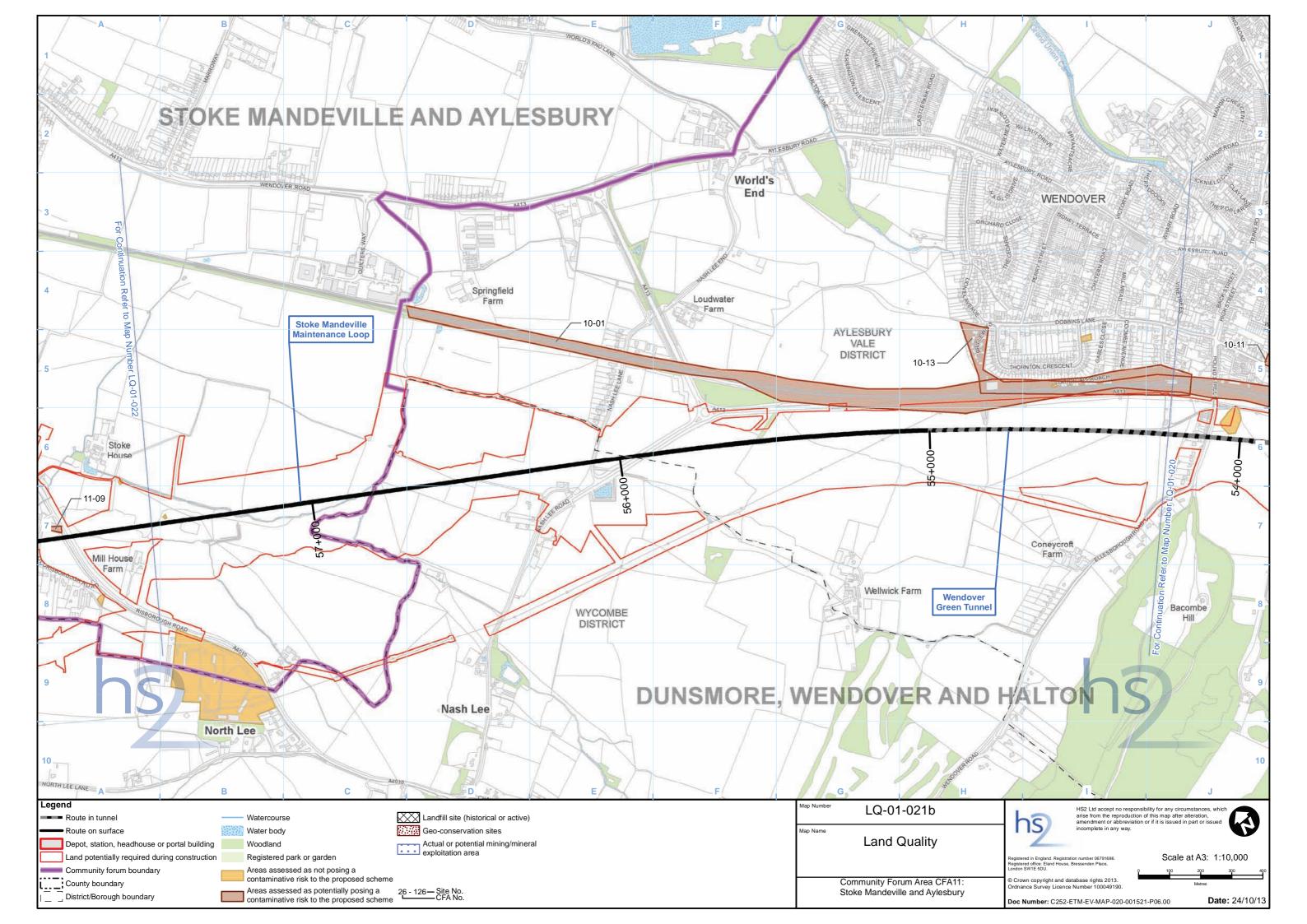


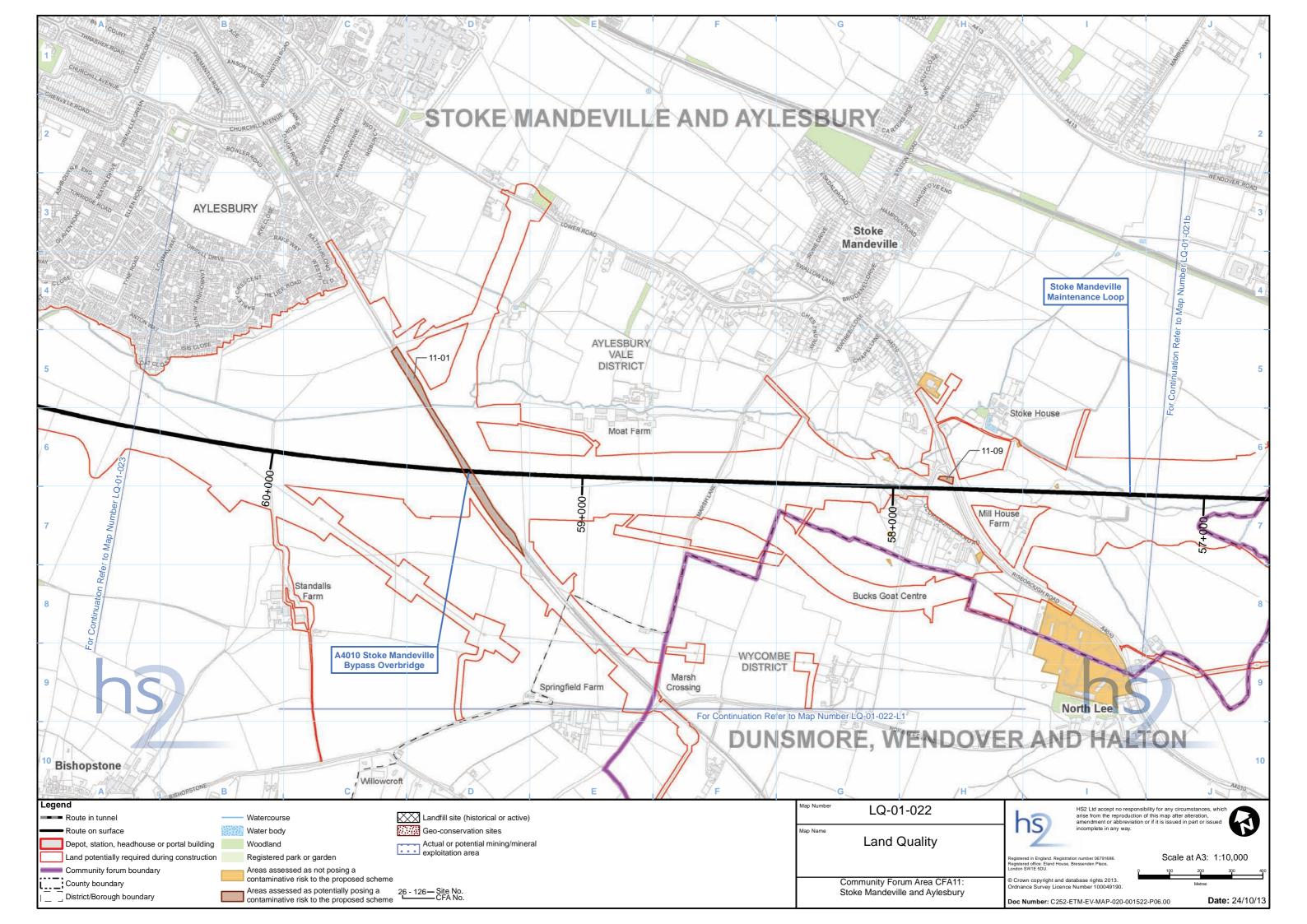


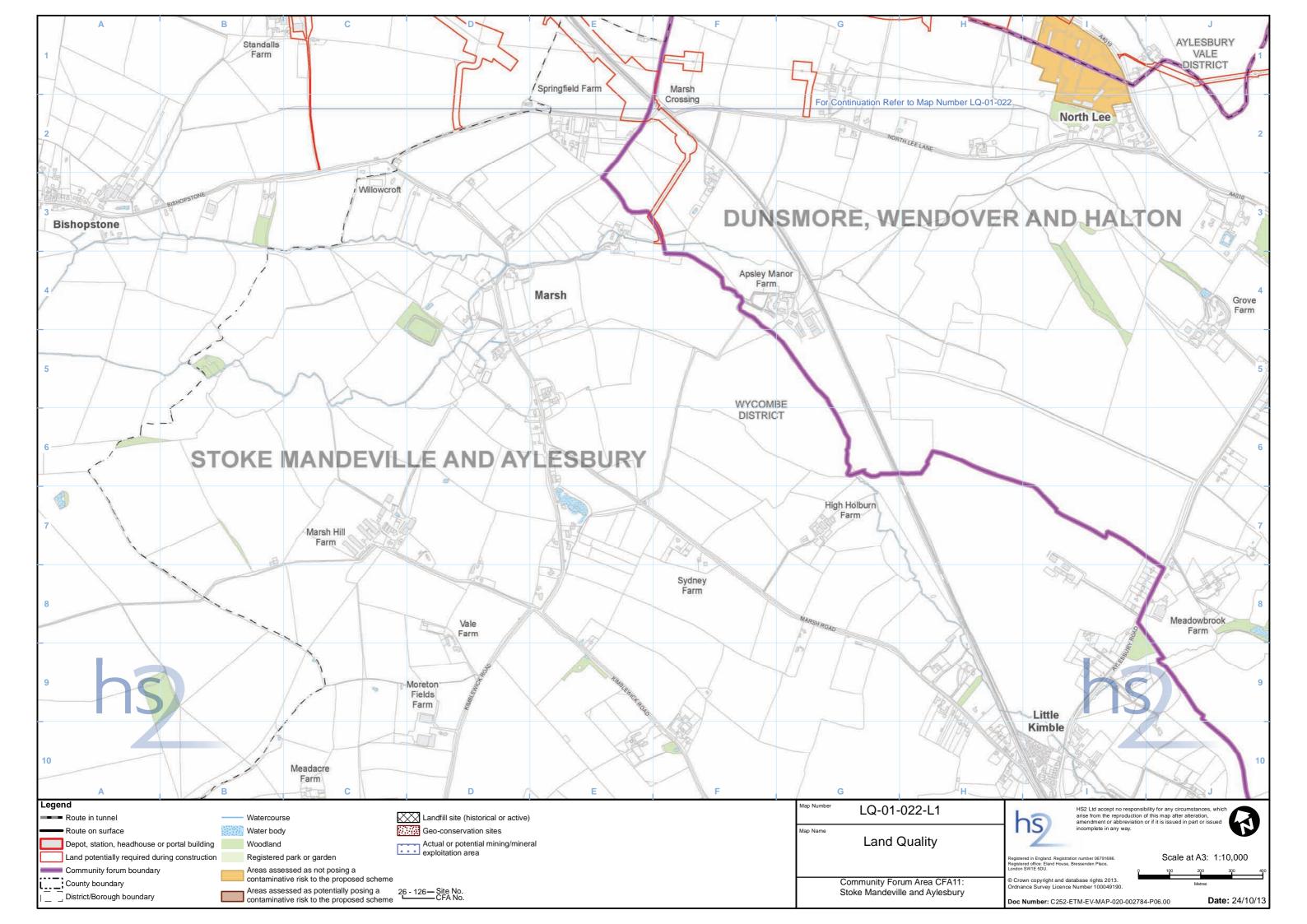


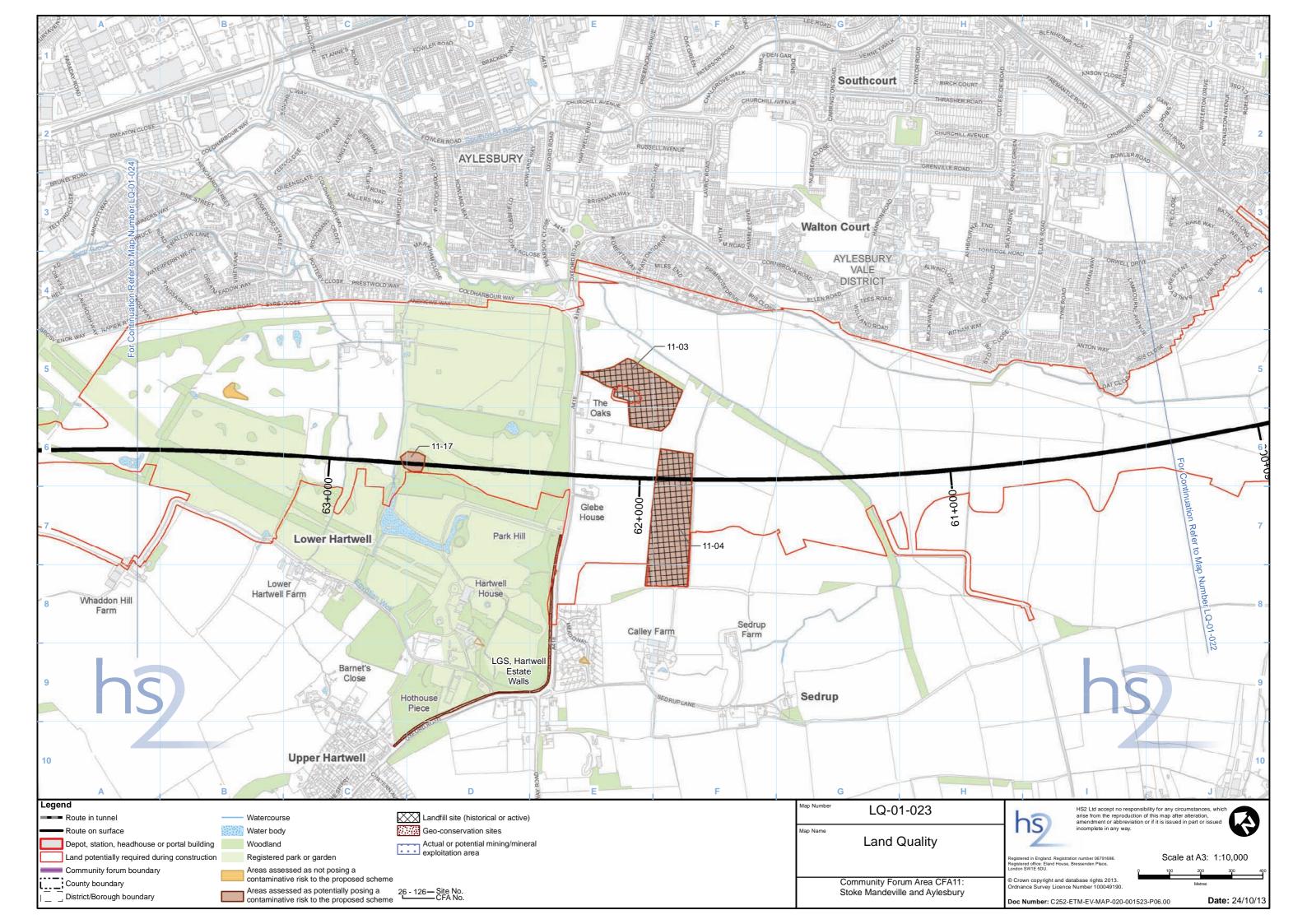
CFA11 | Stoke Mandeville and Aylesbury LQ-01 - Land Quality

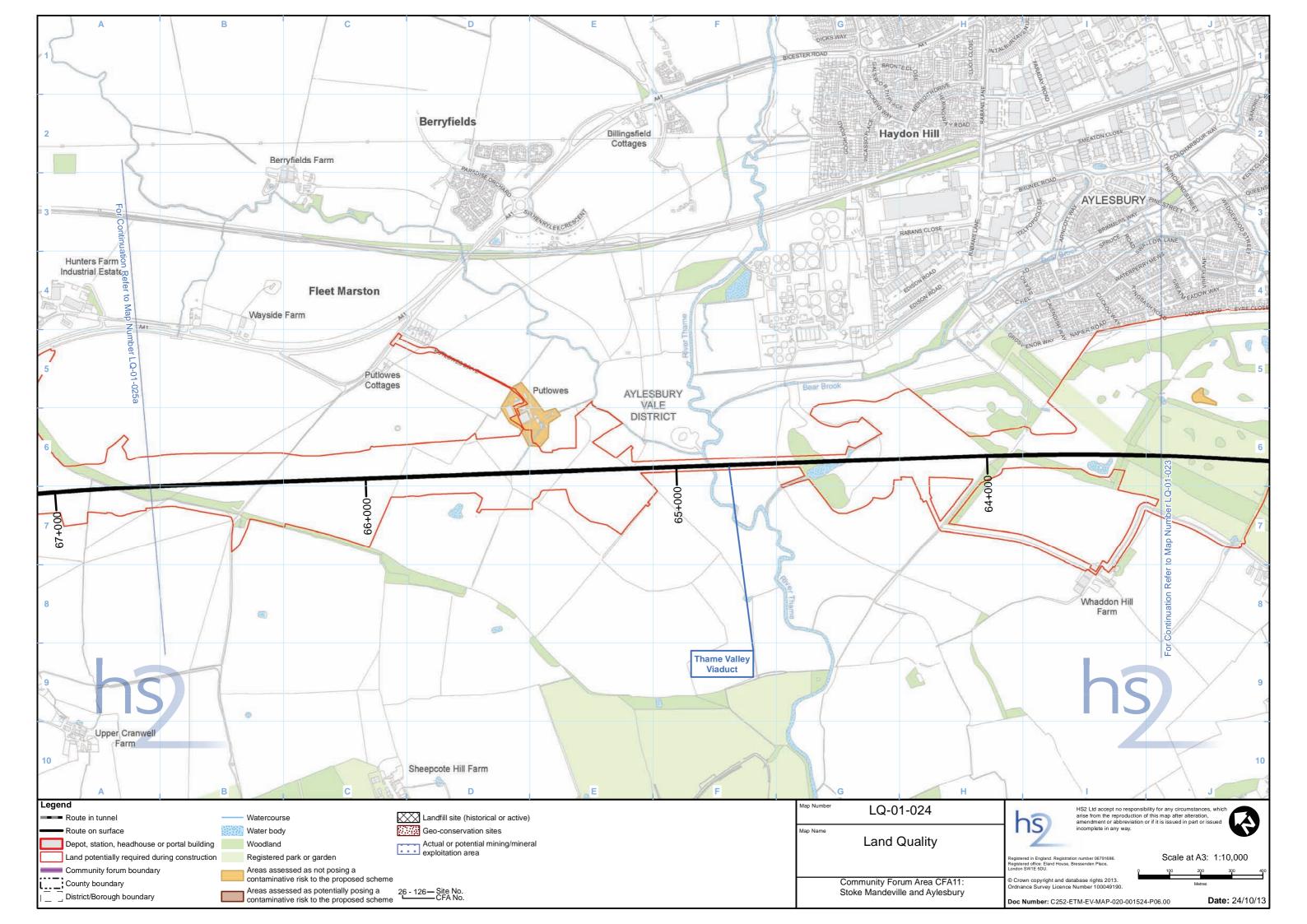


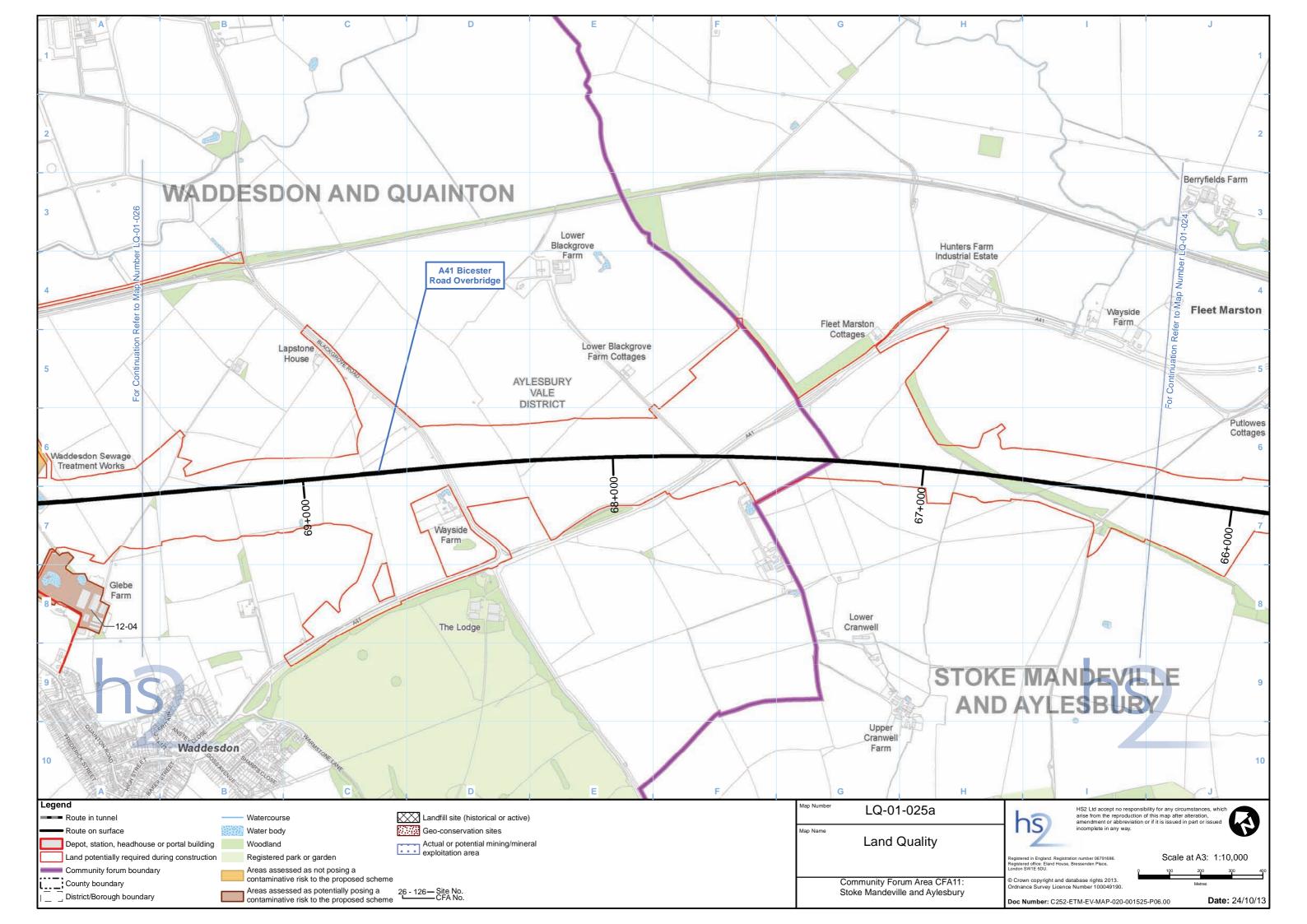






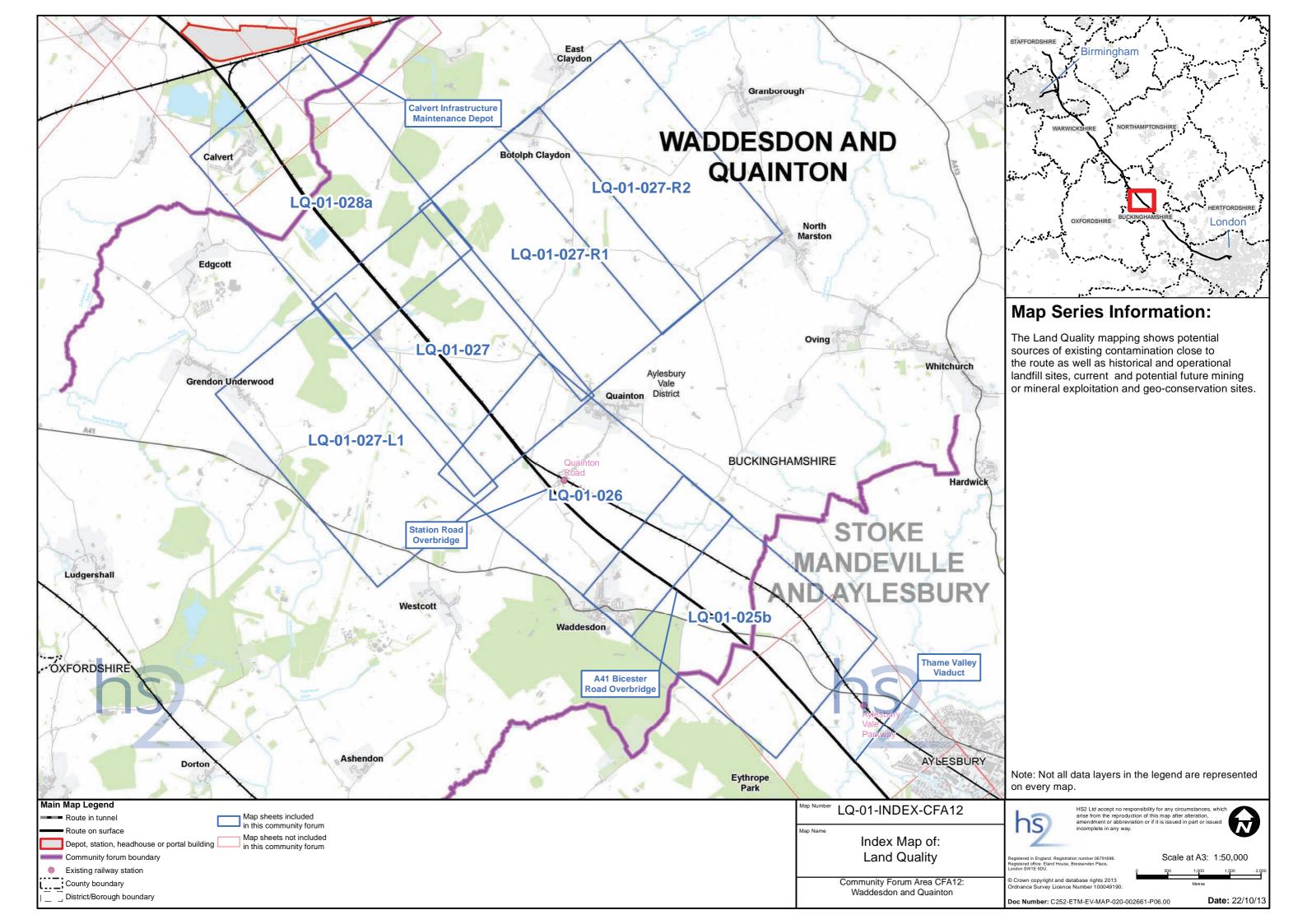


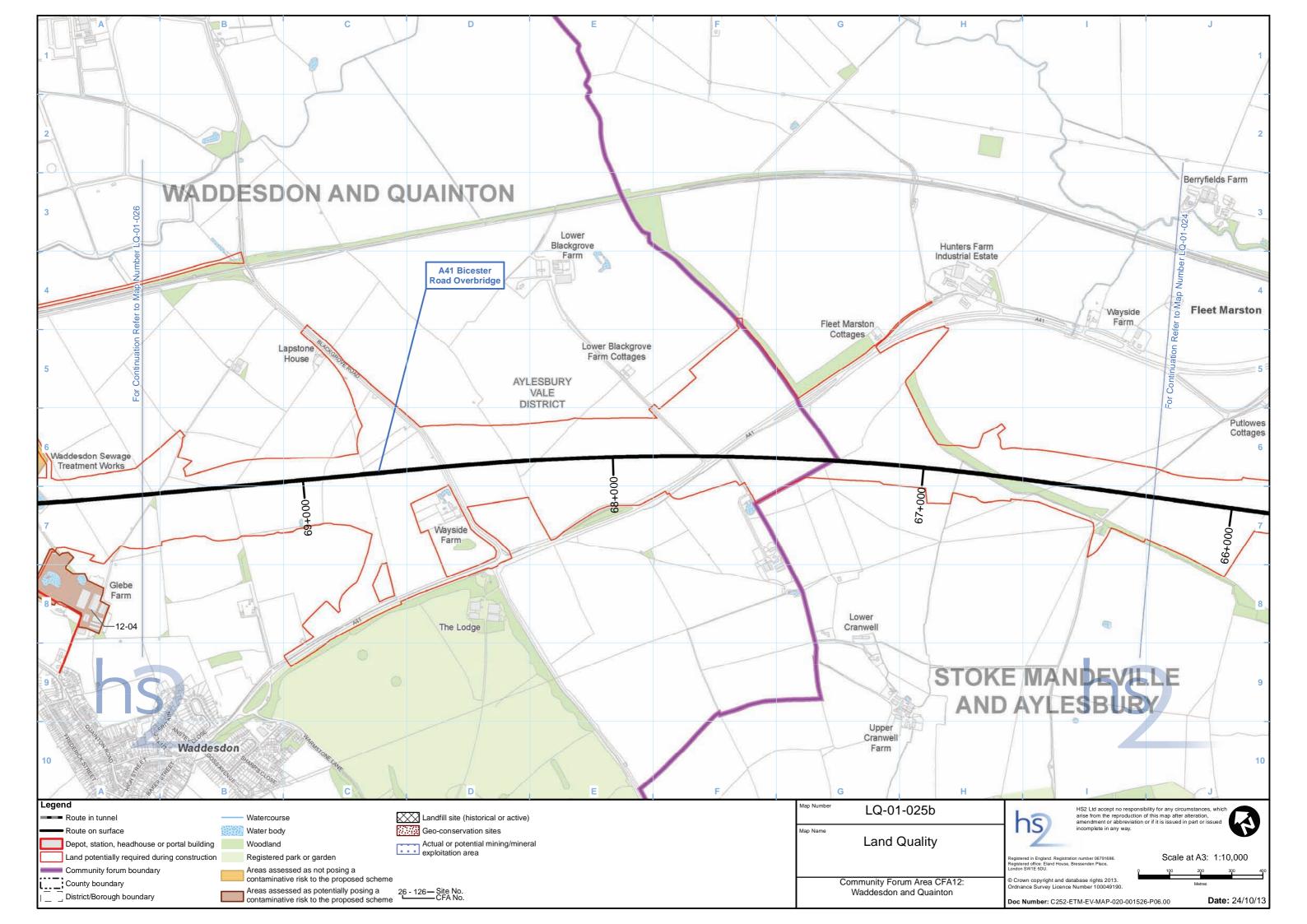


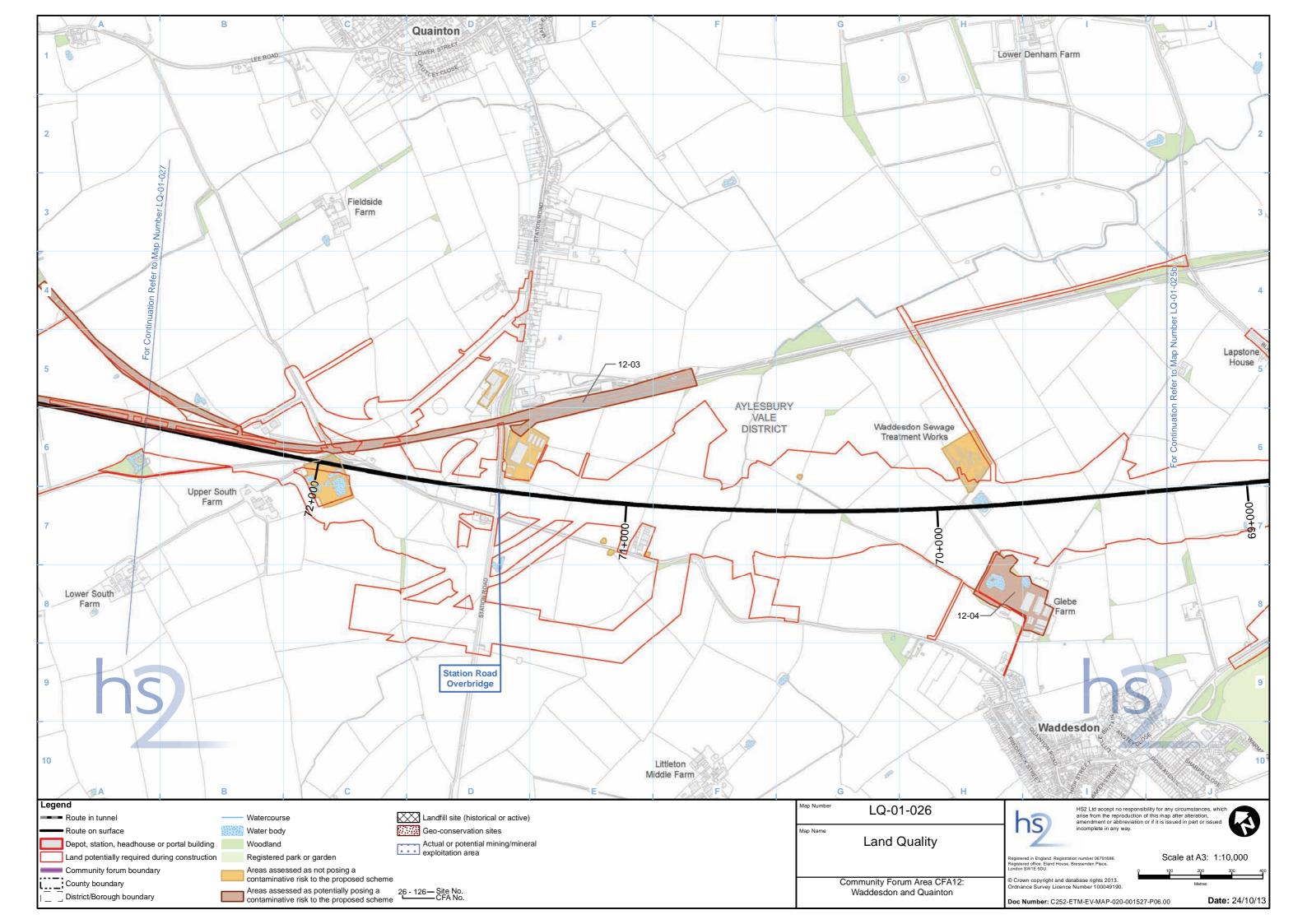


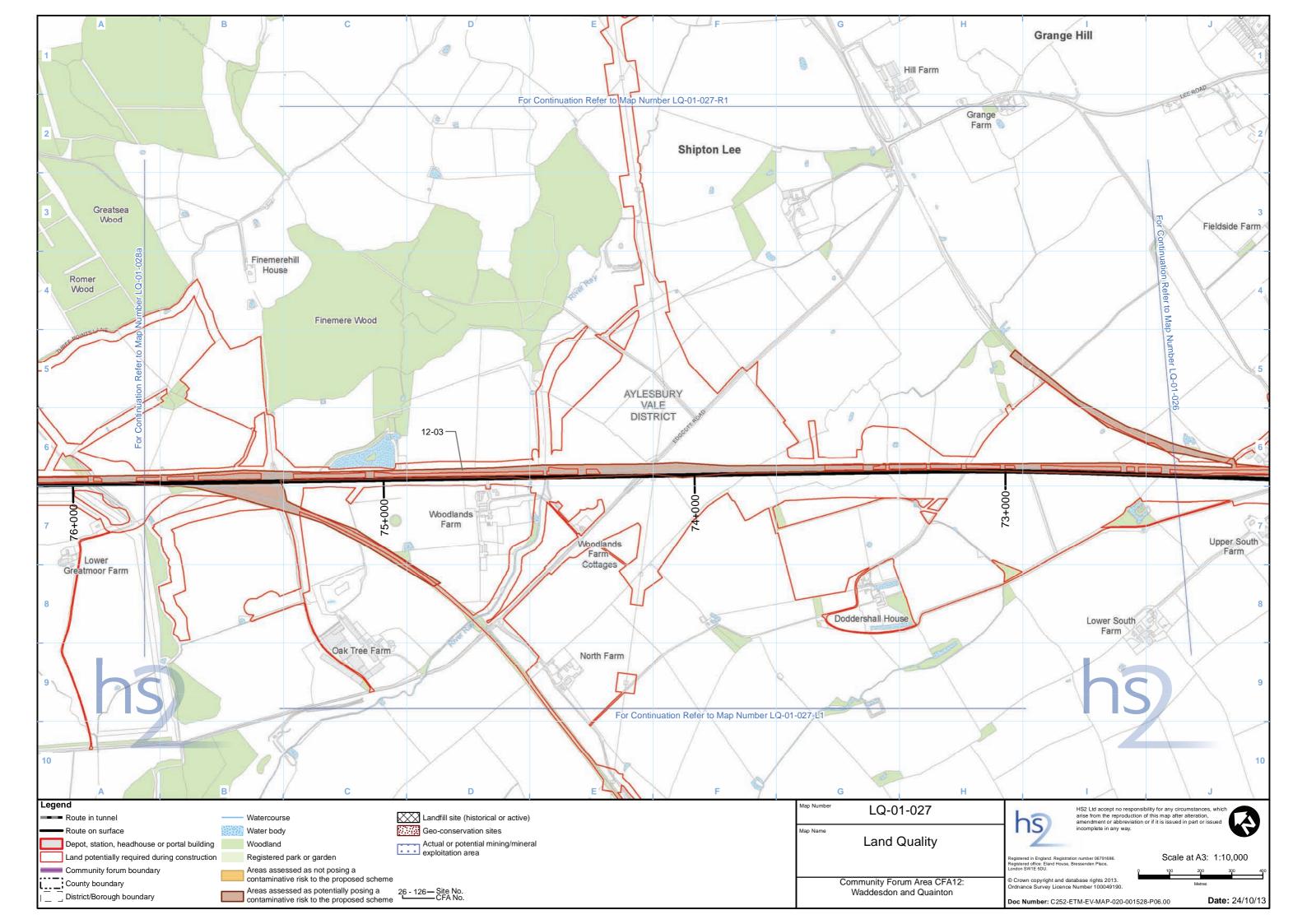


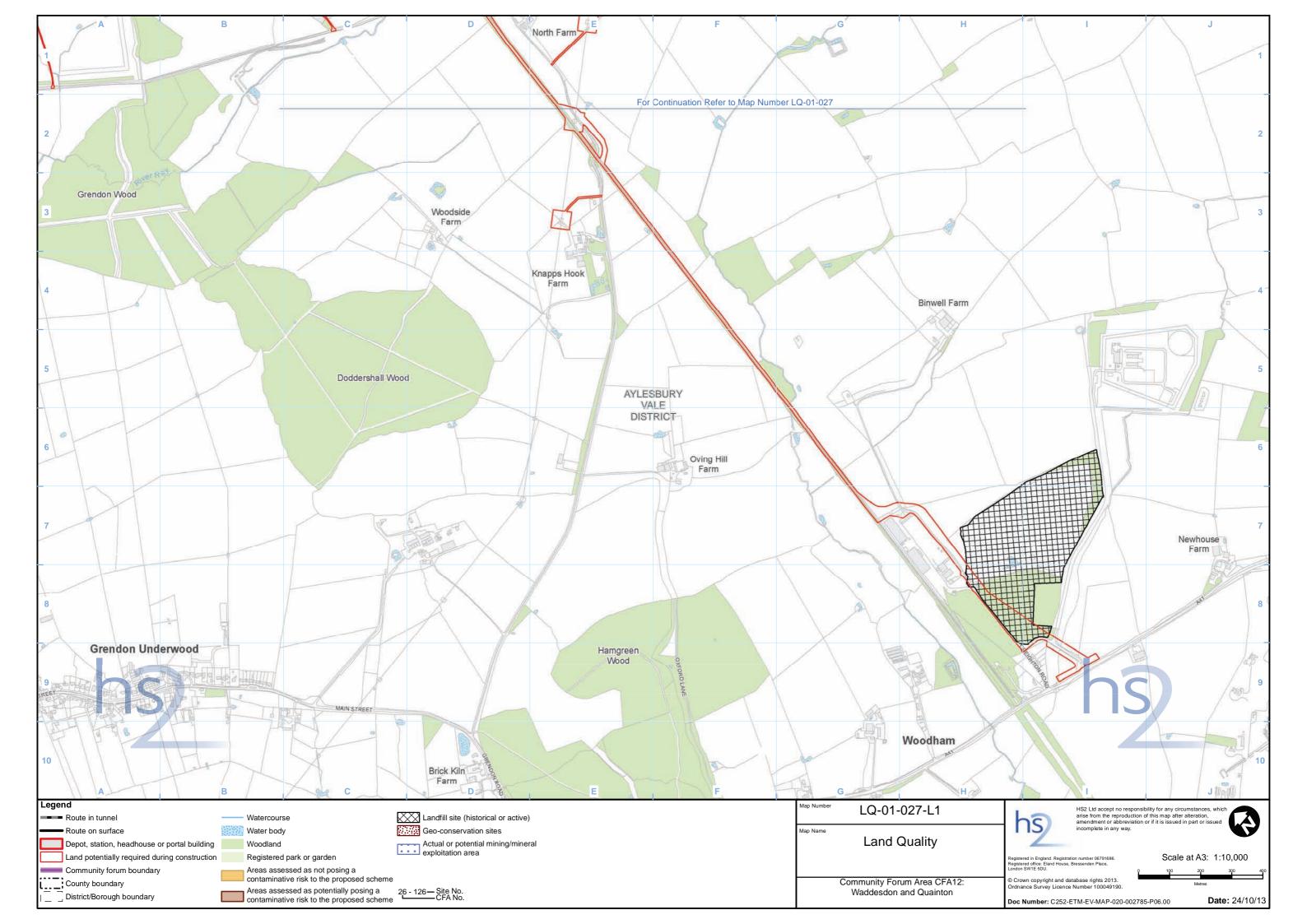
CFA₁₂ | Waddesdon and Quainton LQ-o₁ - Land Quality

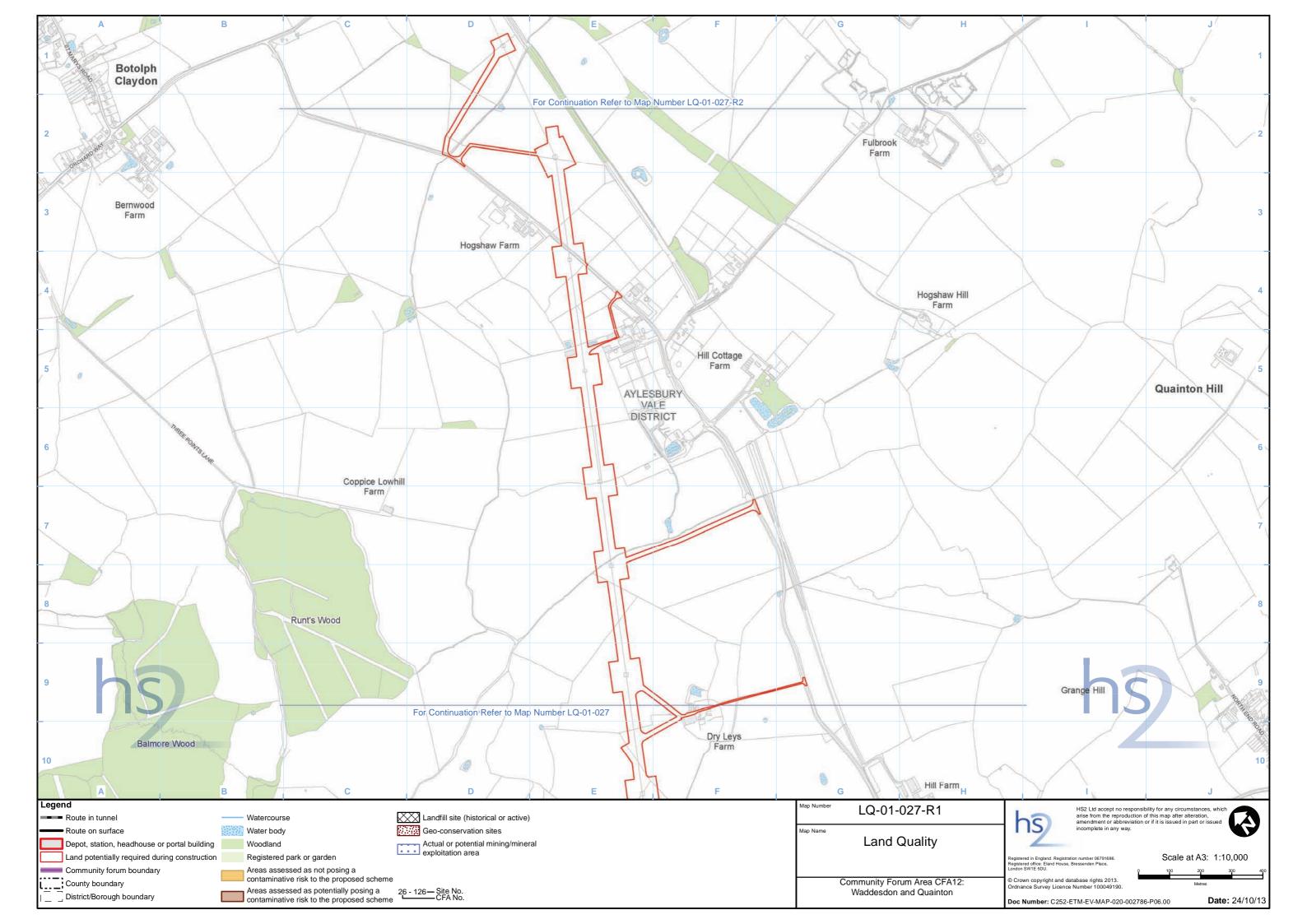


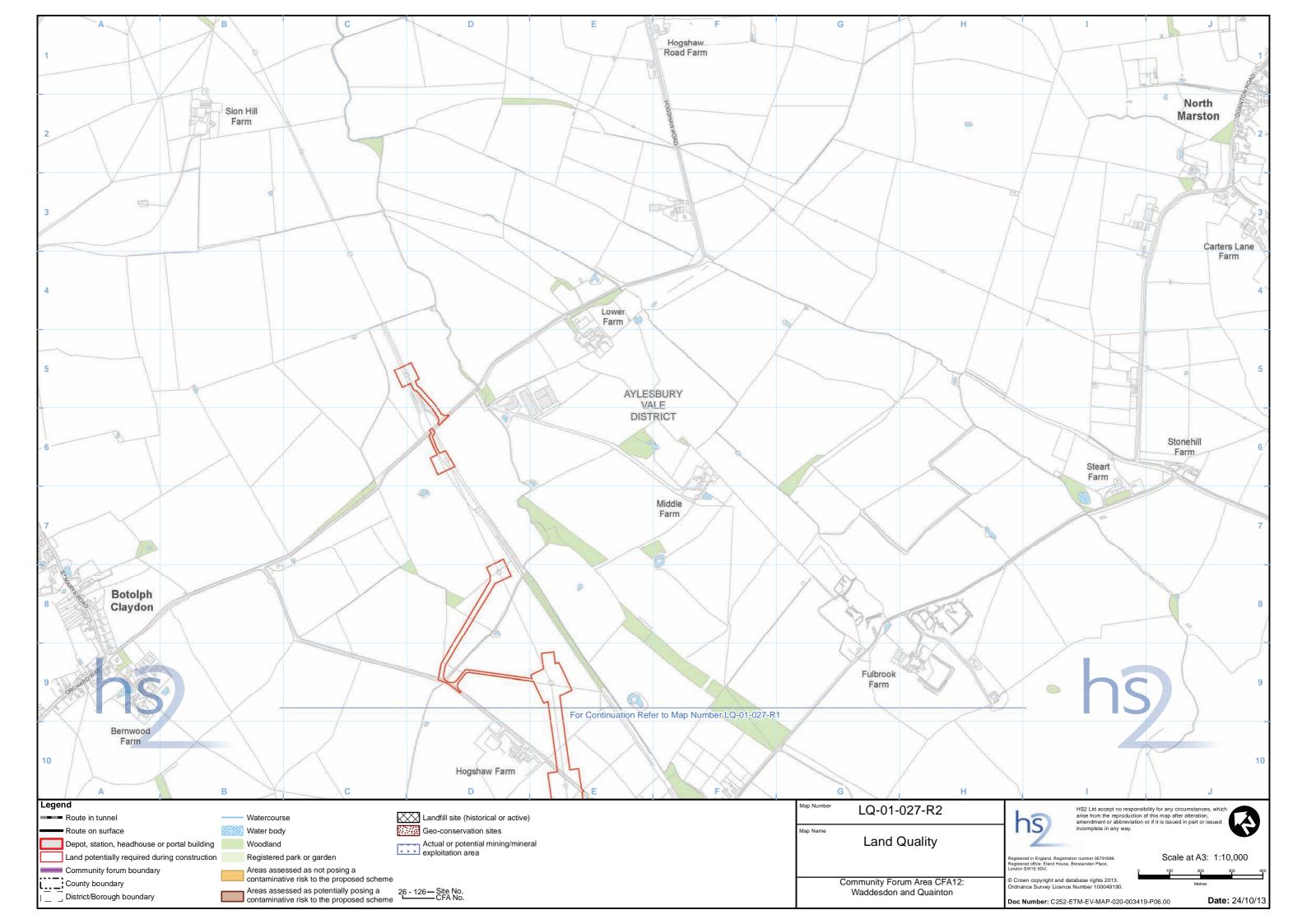


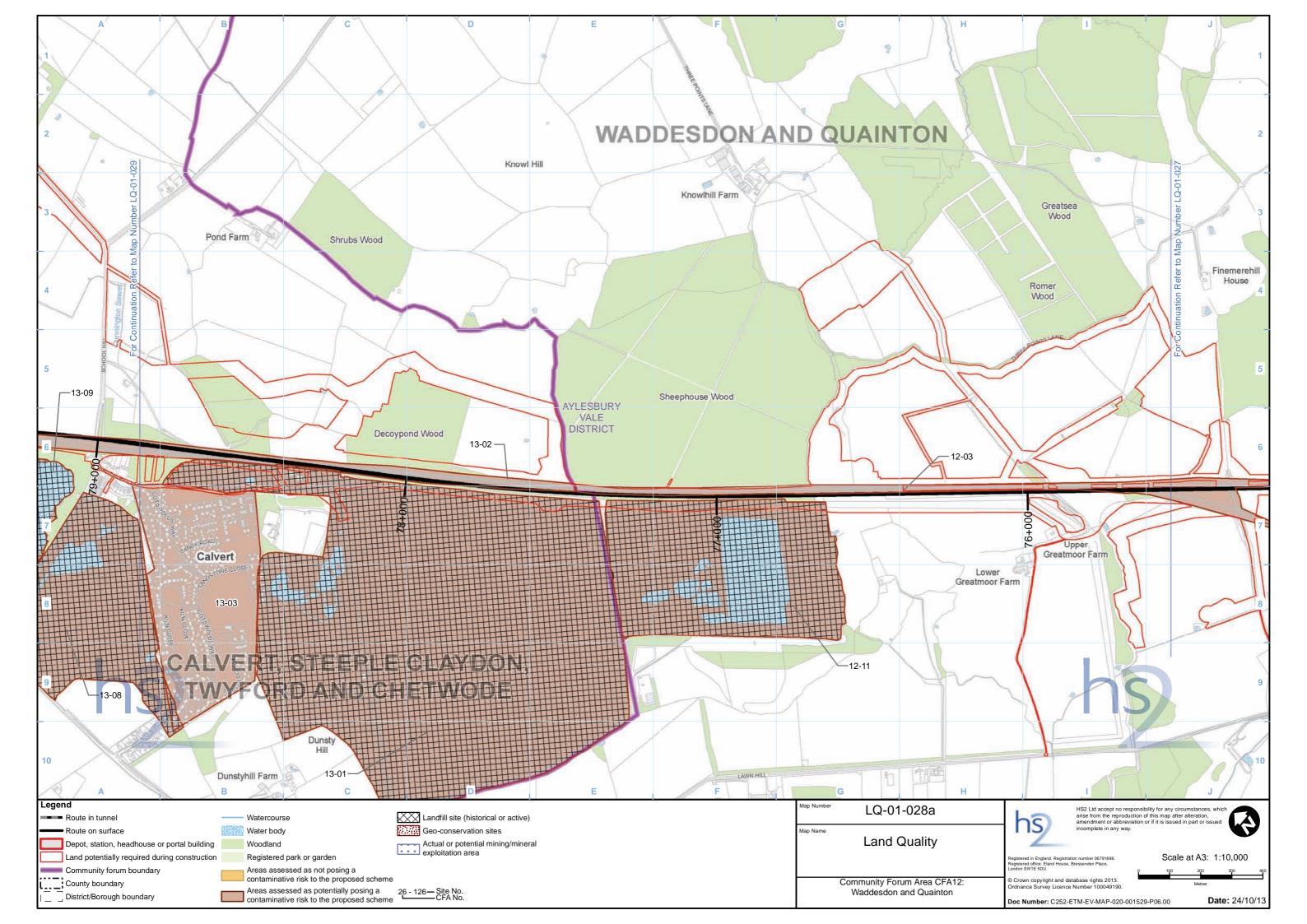








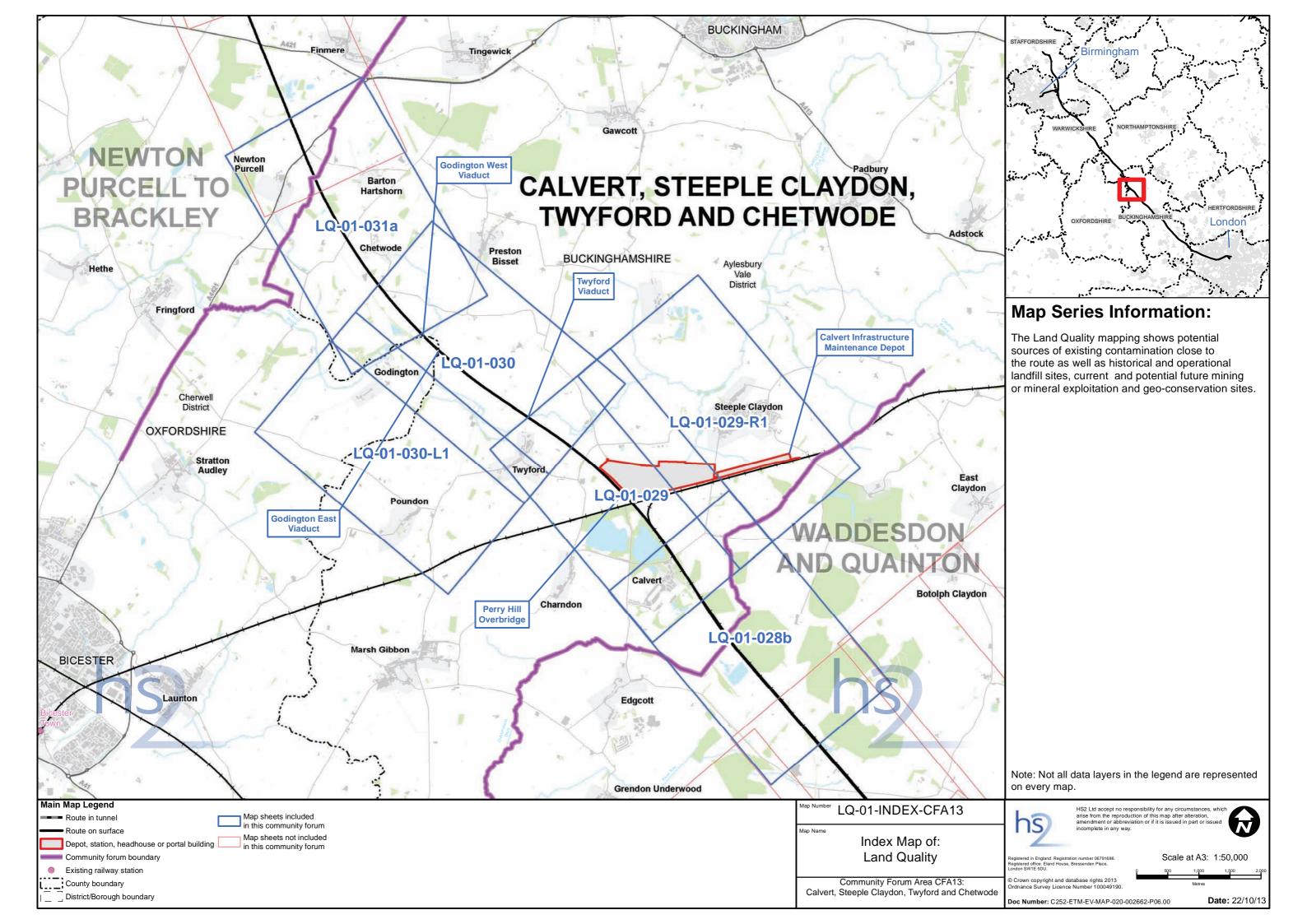


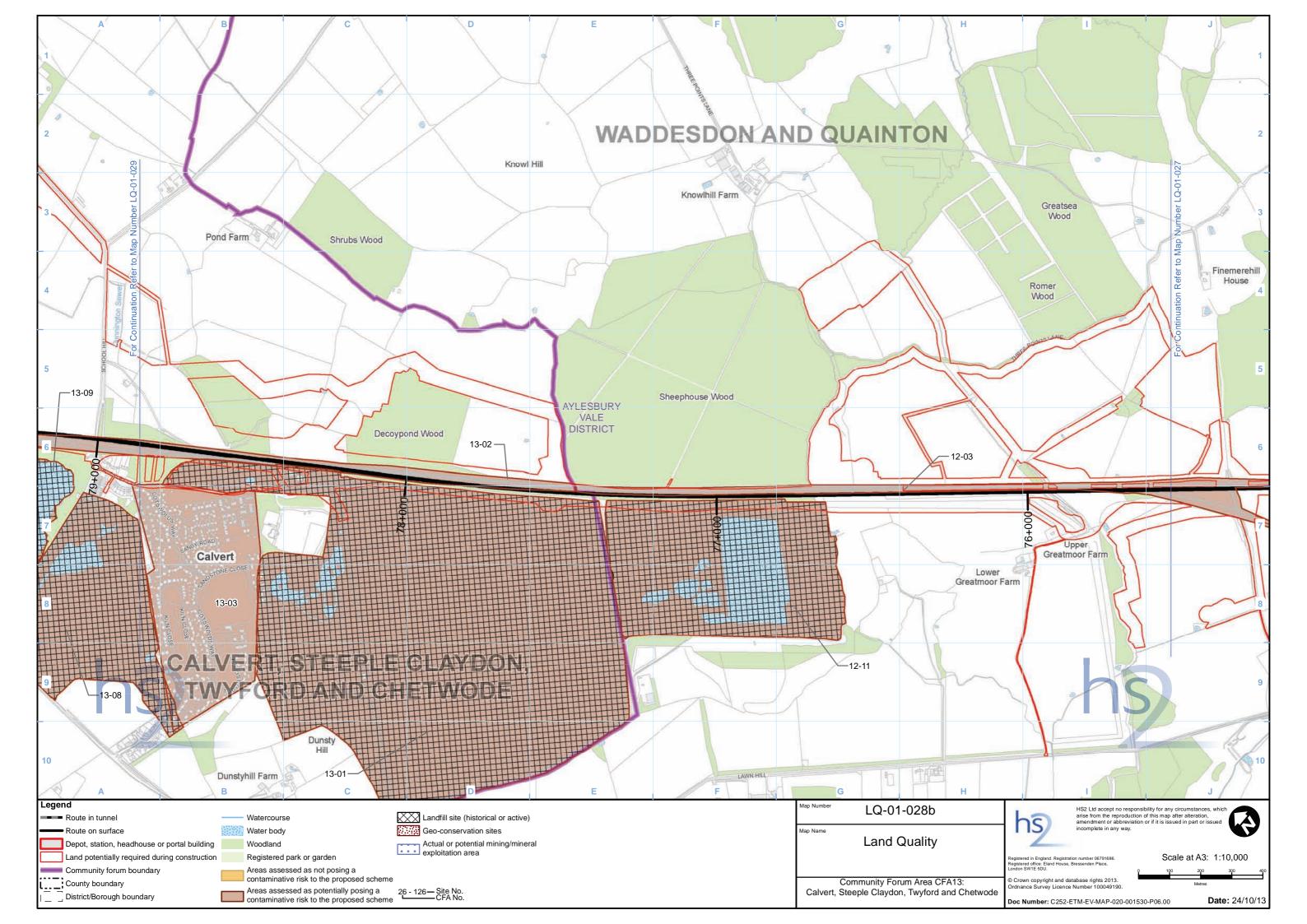


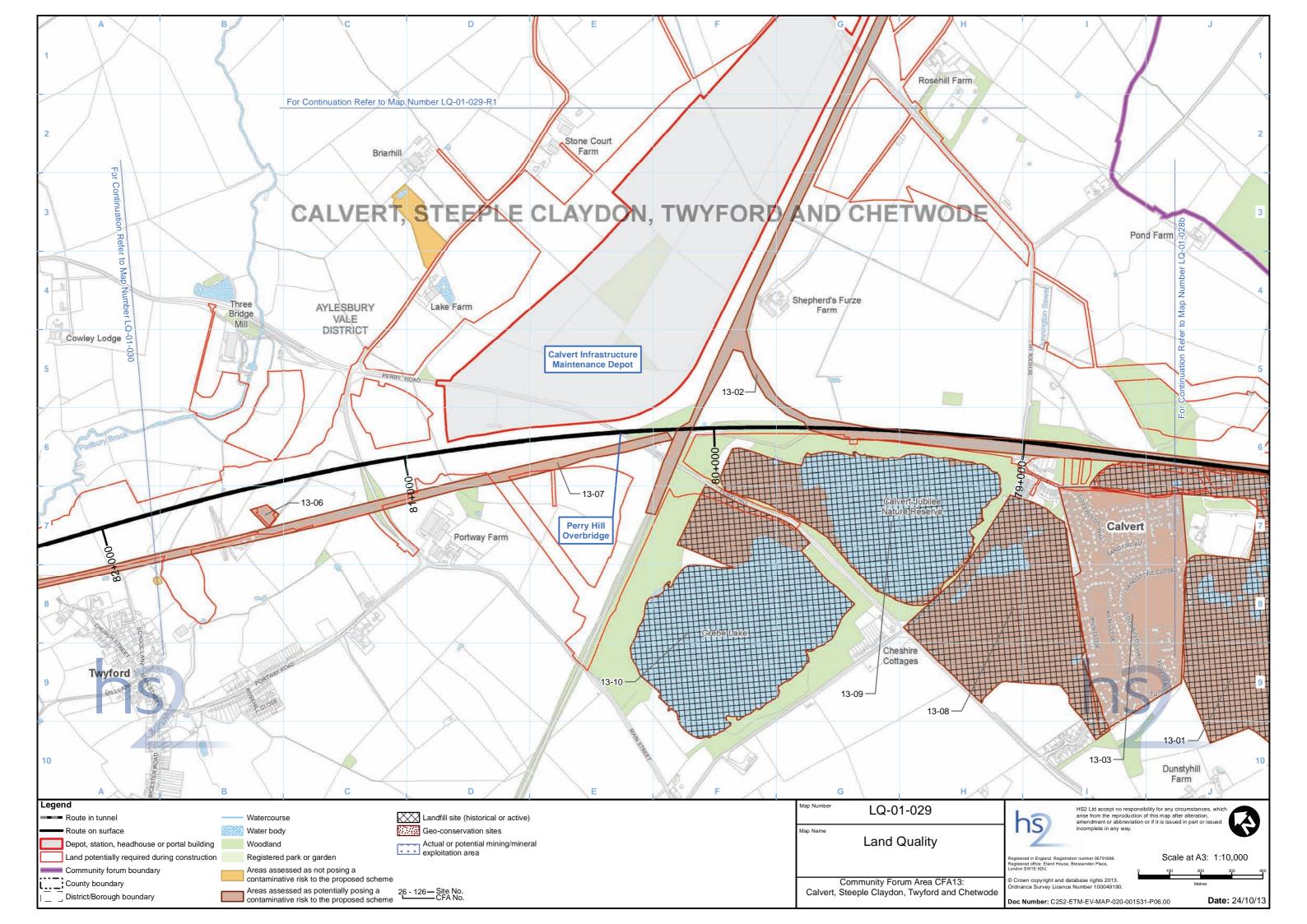
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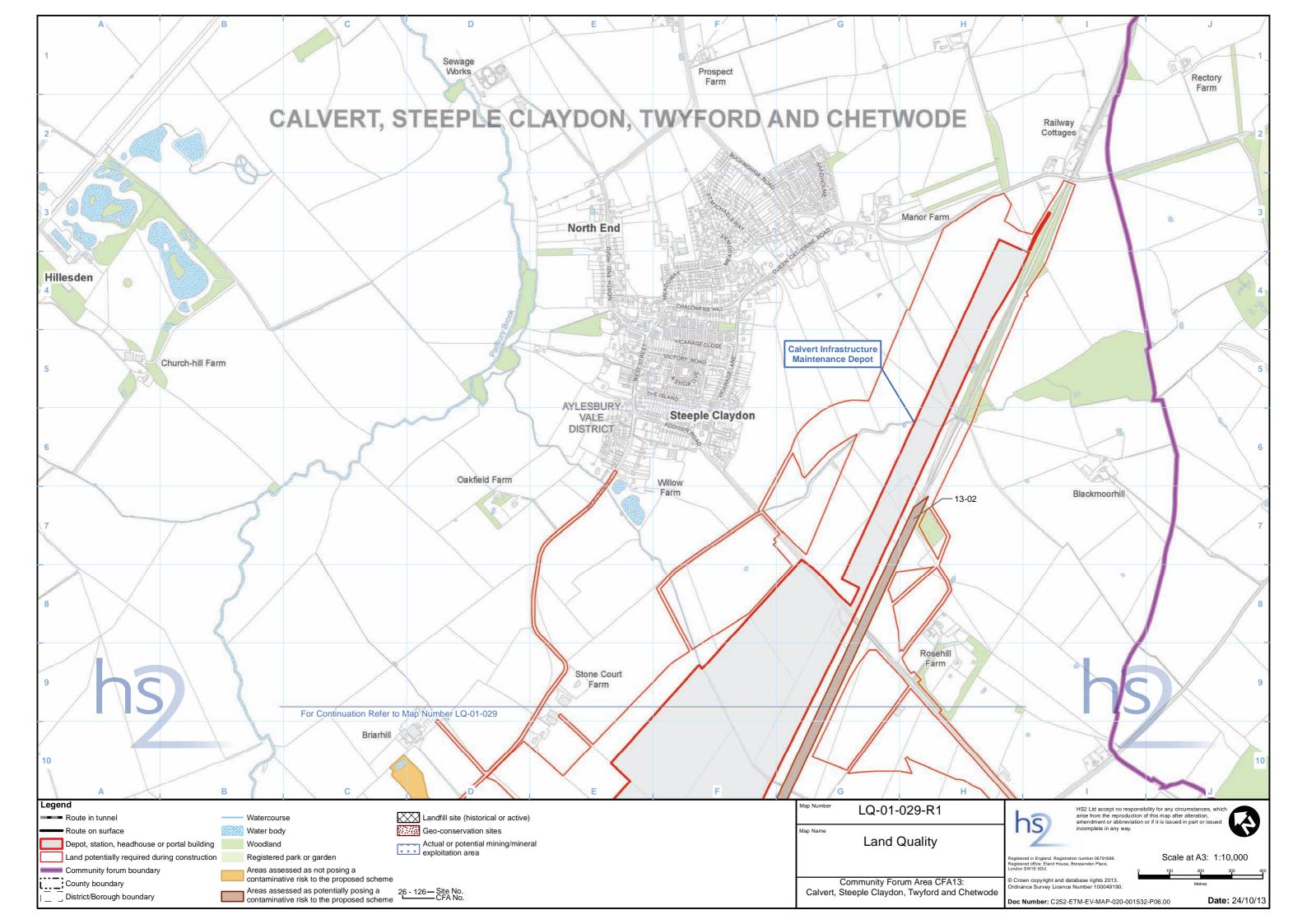


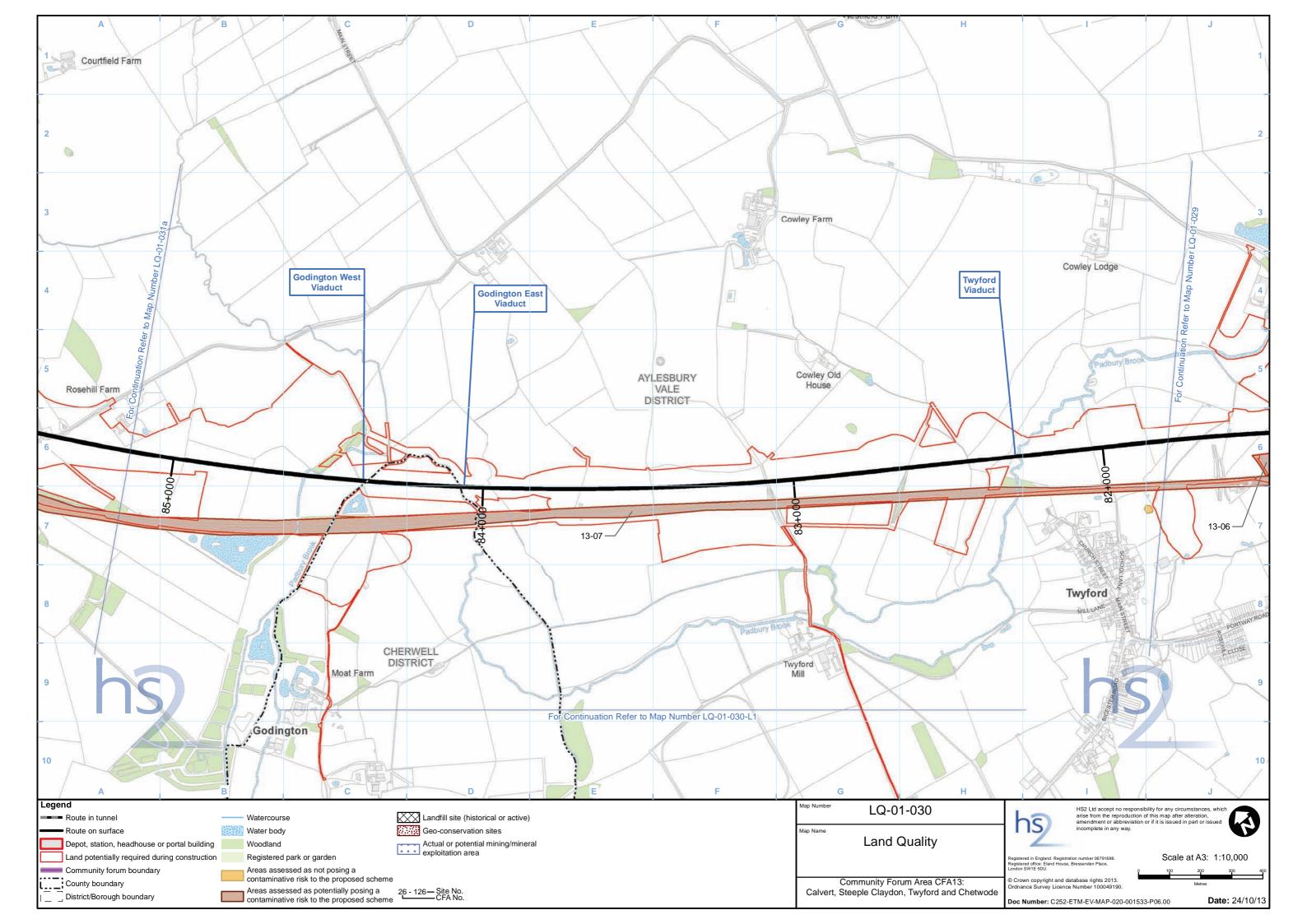
CFA₁₃ | Calvert, Steeple Claydon, Twyford and Chetwode LQ-o₁ - Land Quality

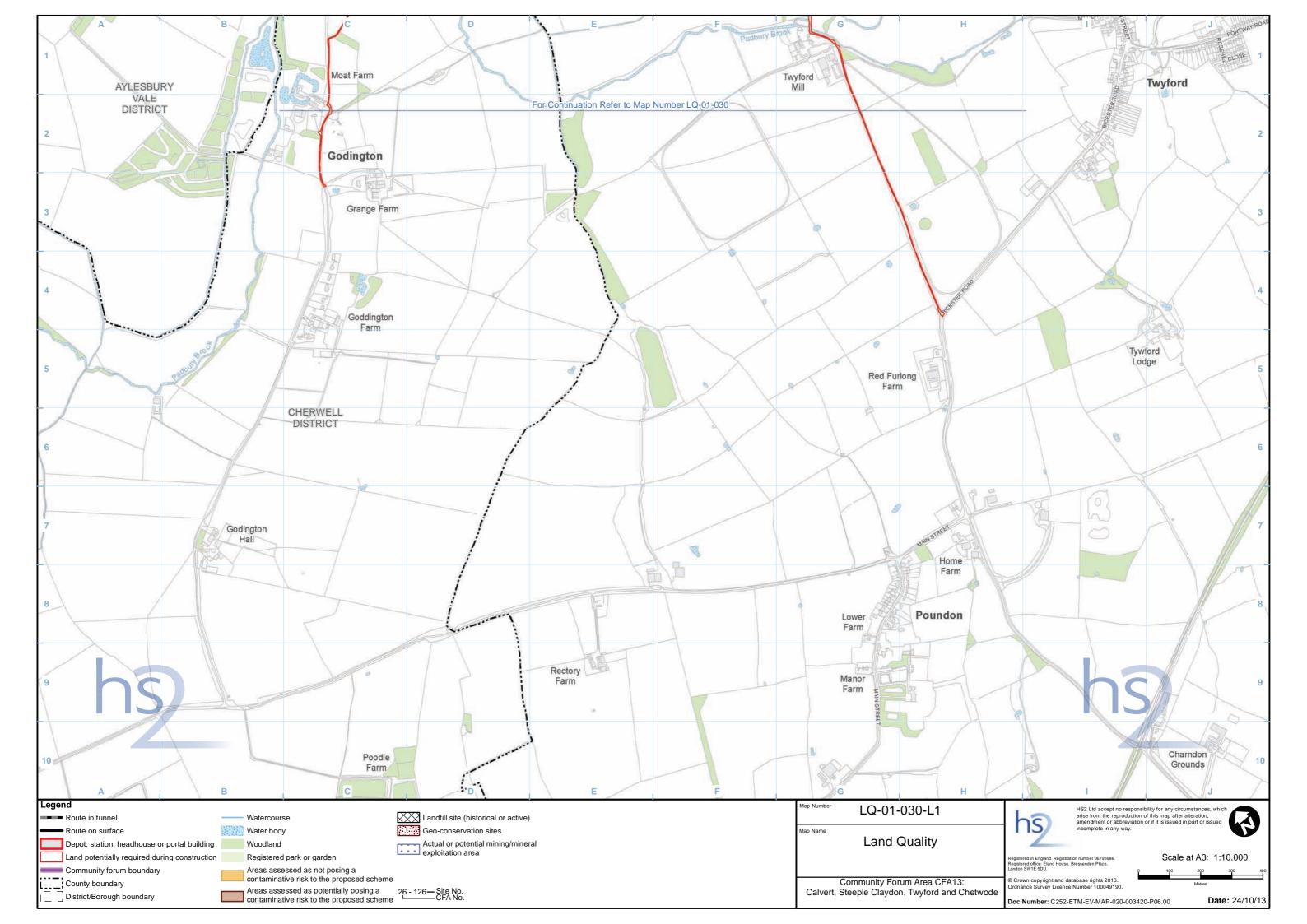


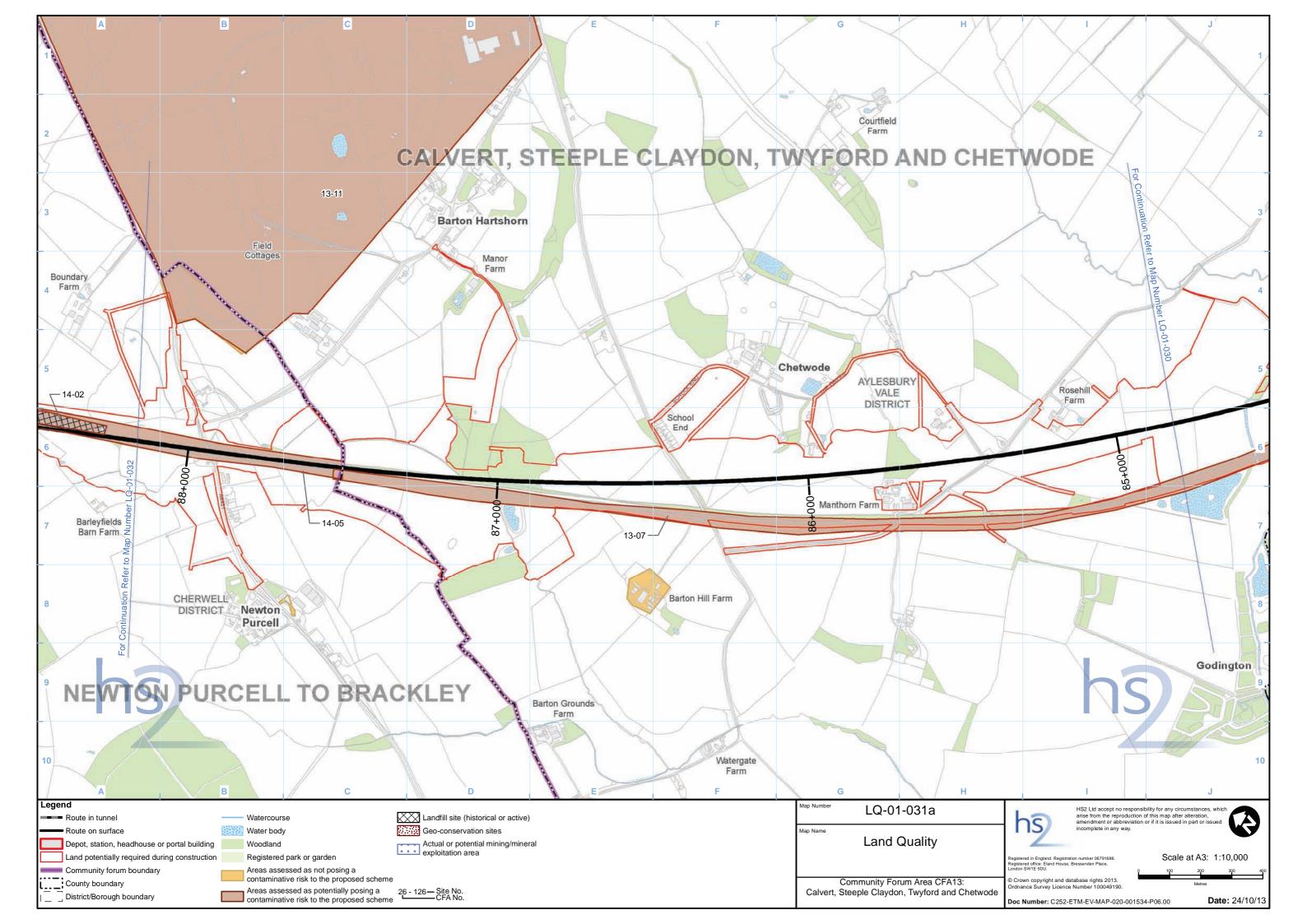






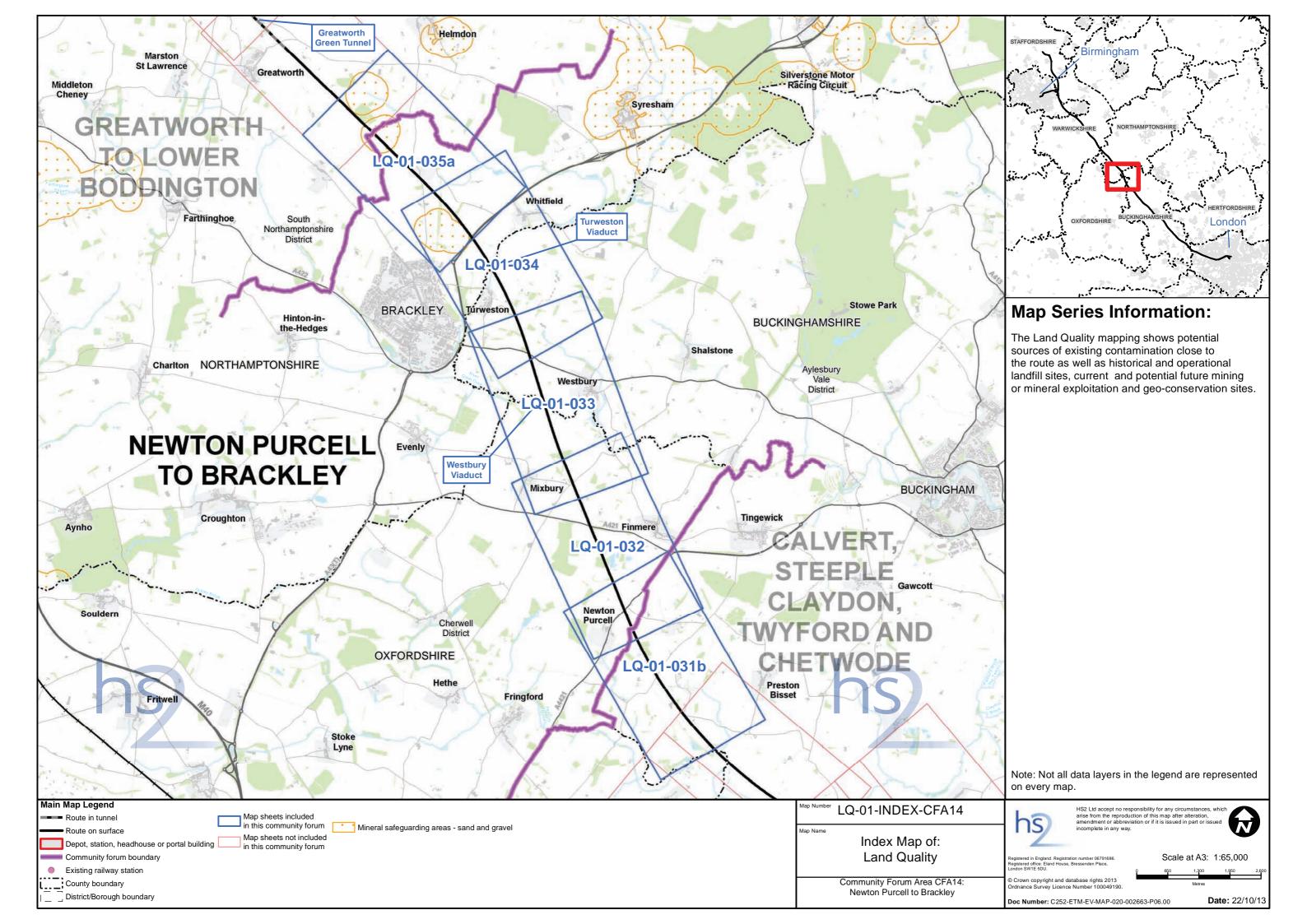


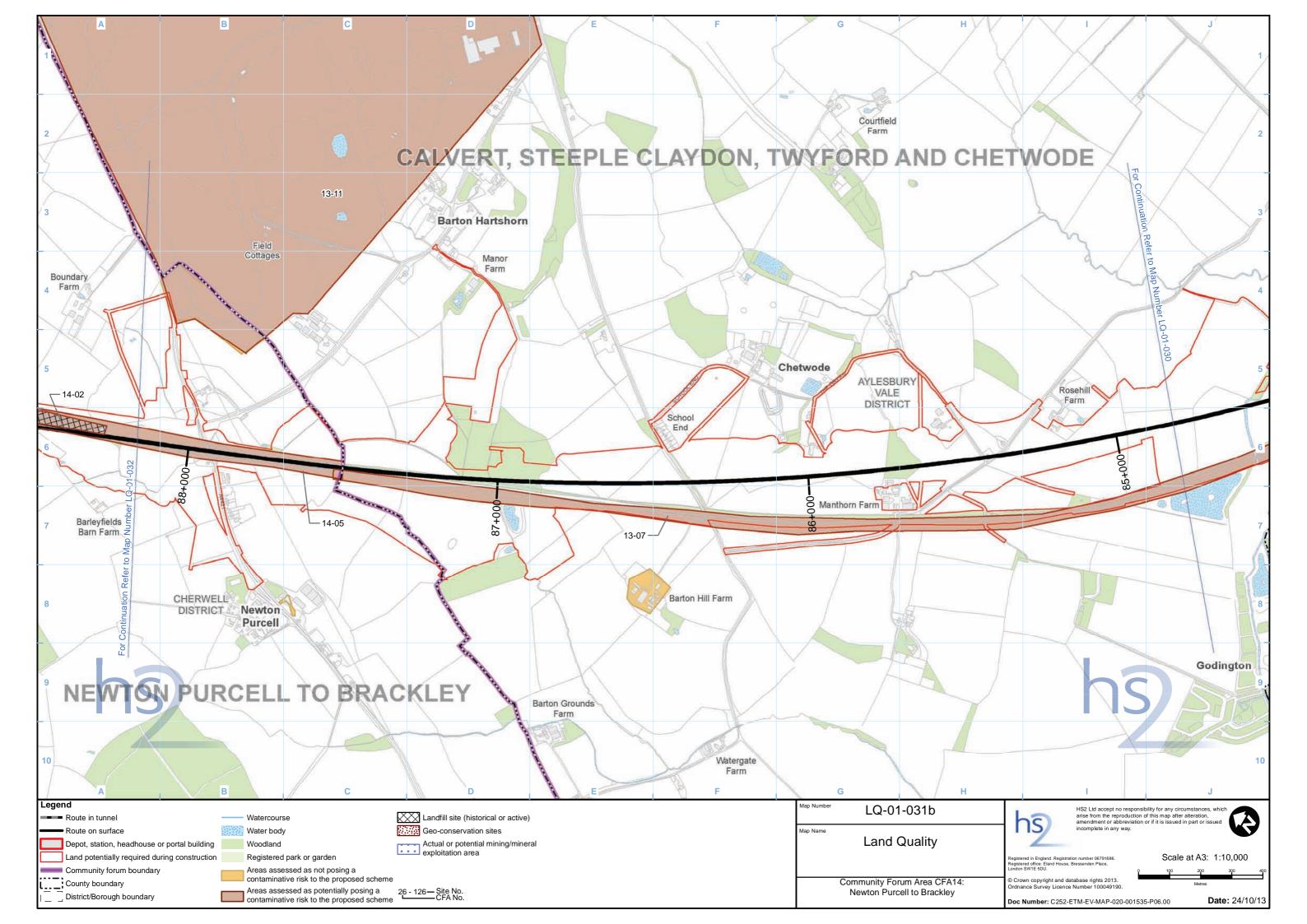


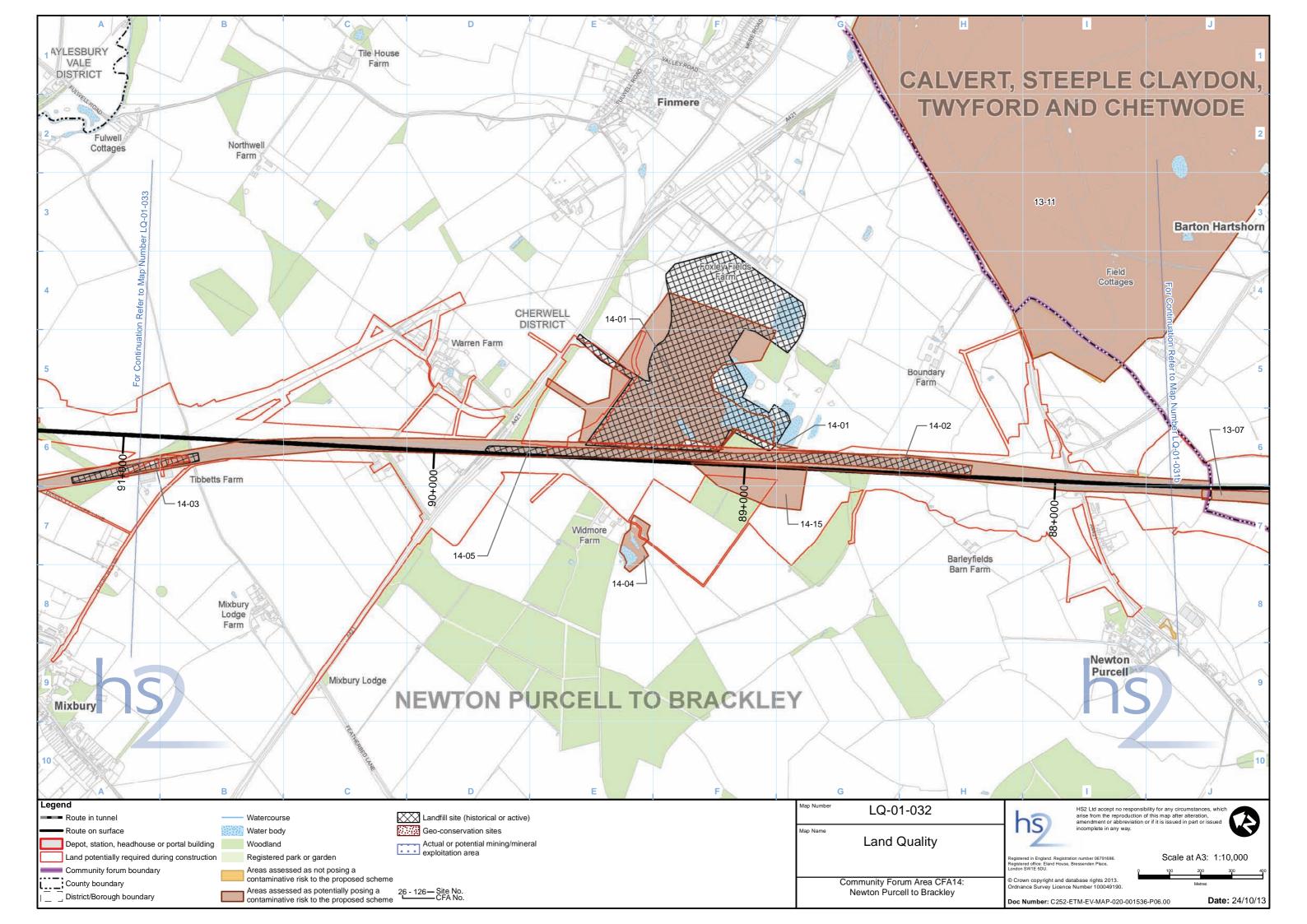


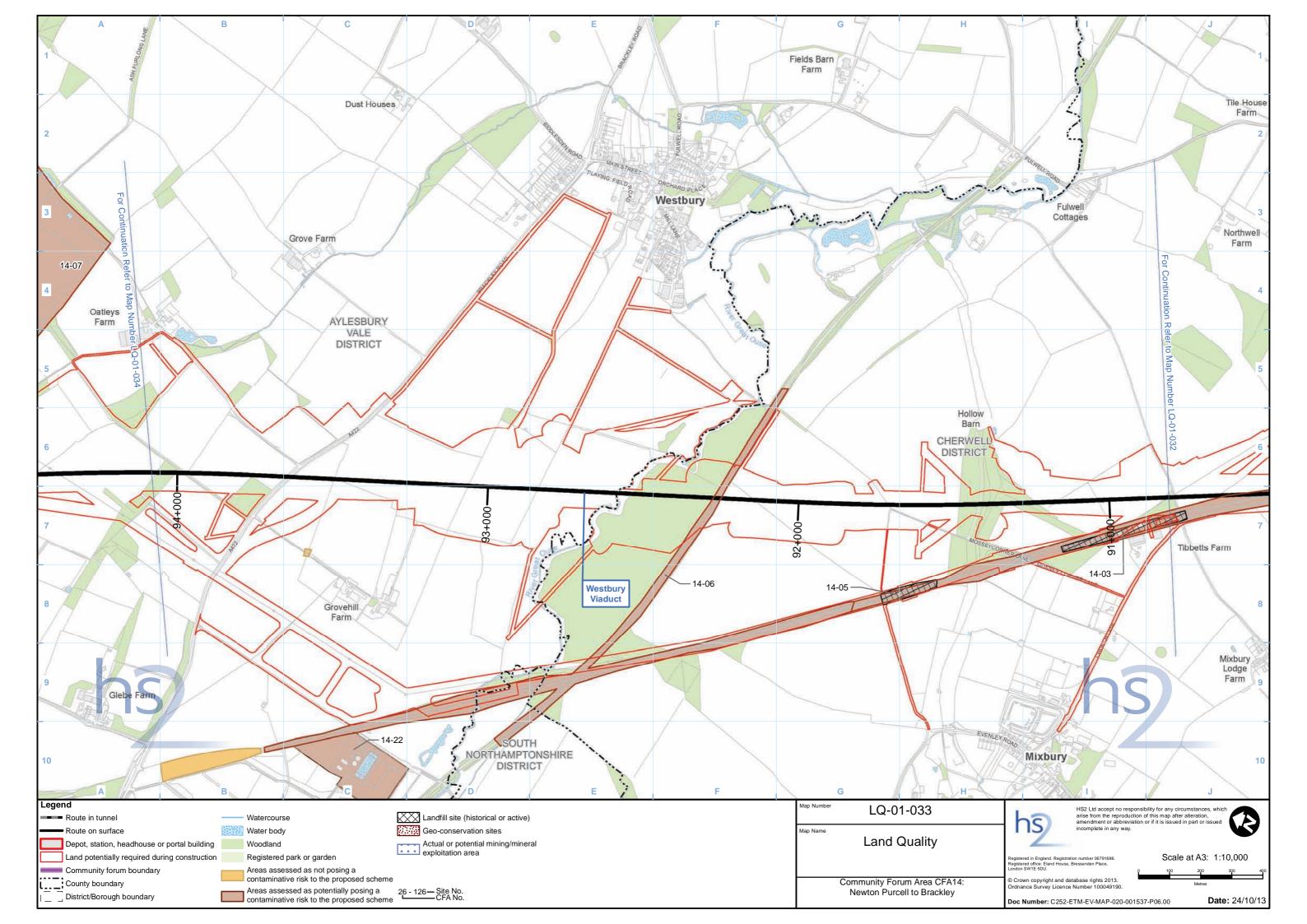


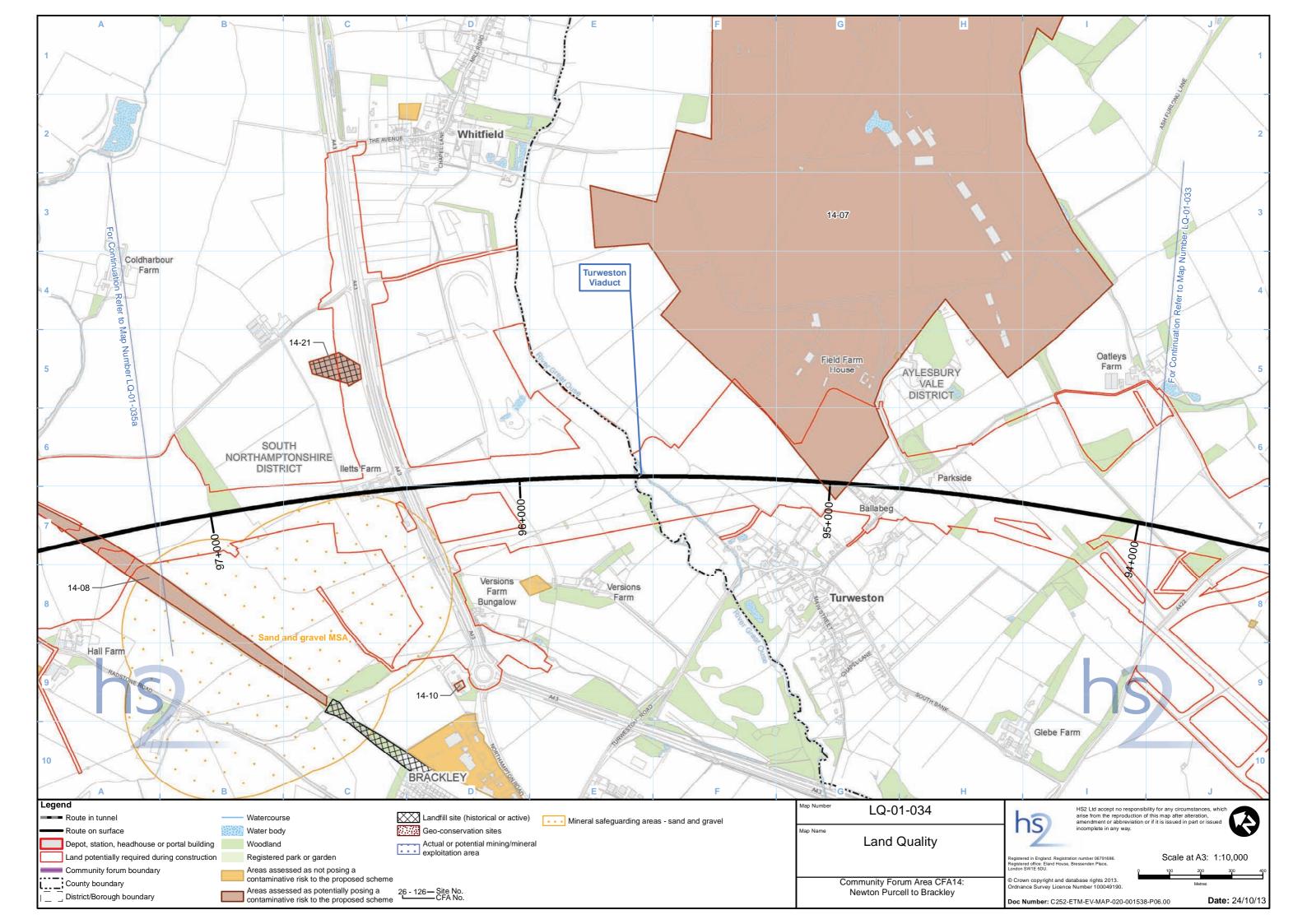
CFA14 | Newton Purcell to Brackley LQ-01 - Land Quality

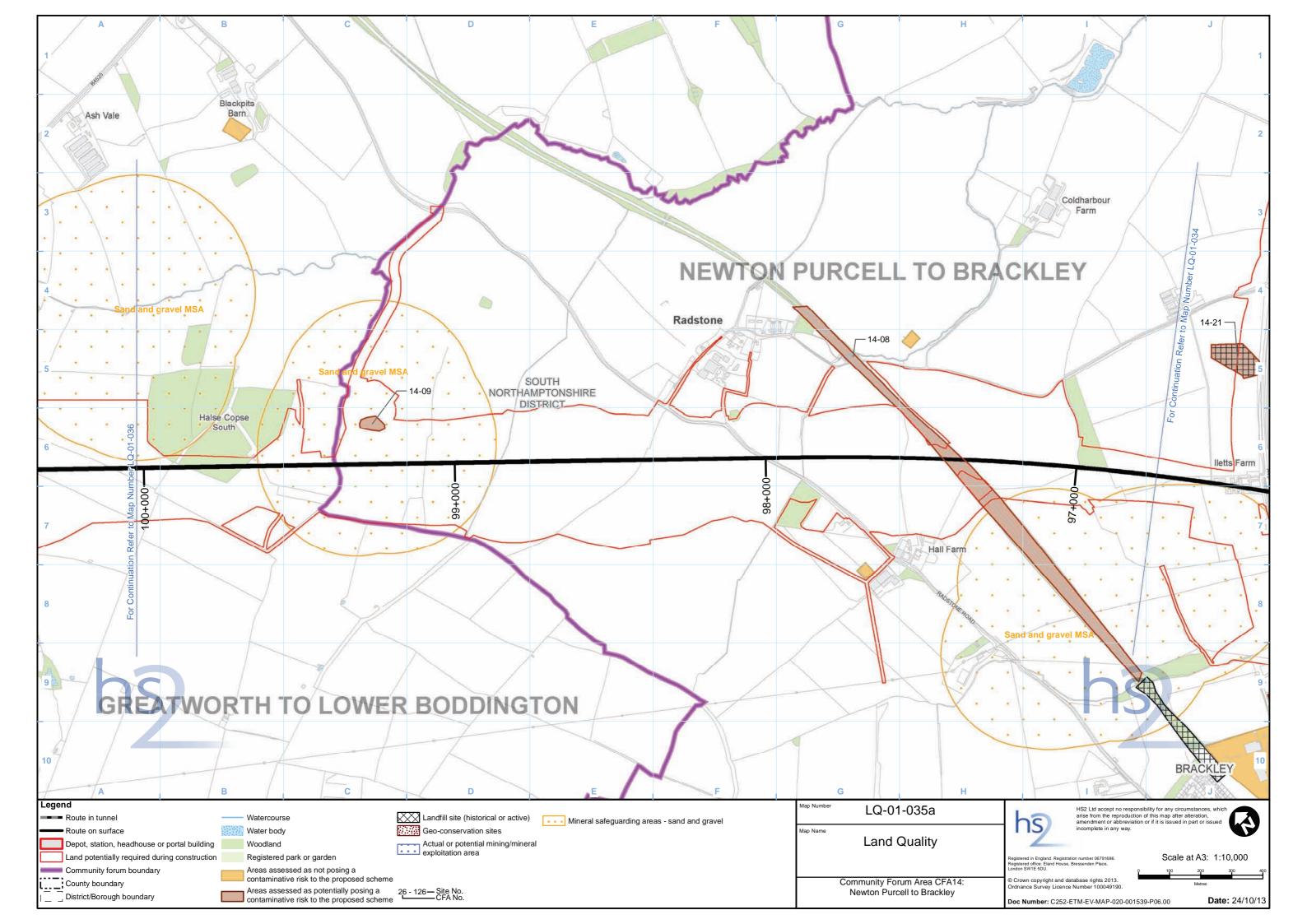








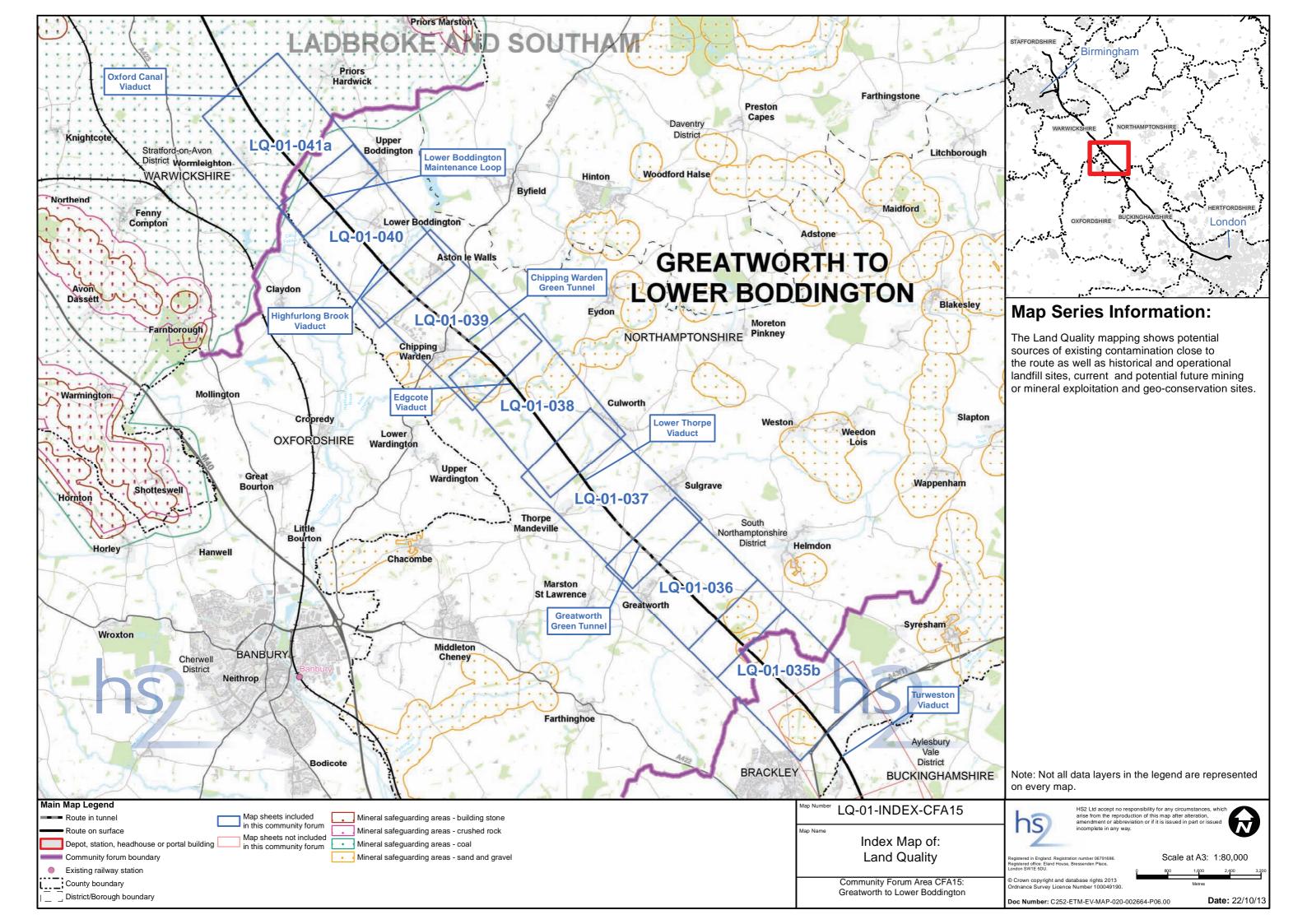


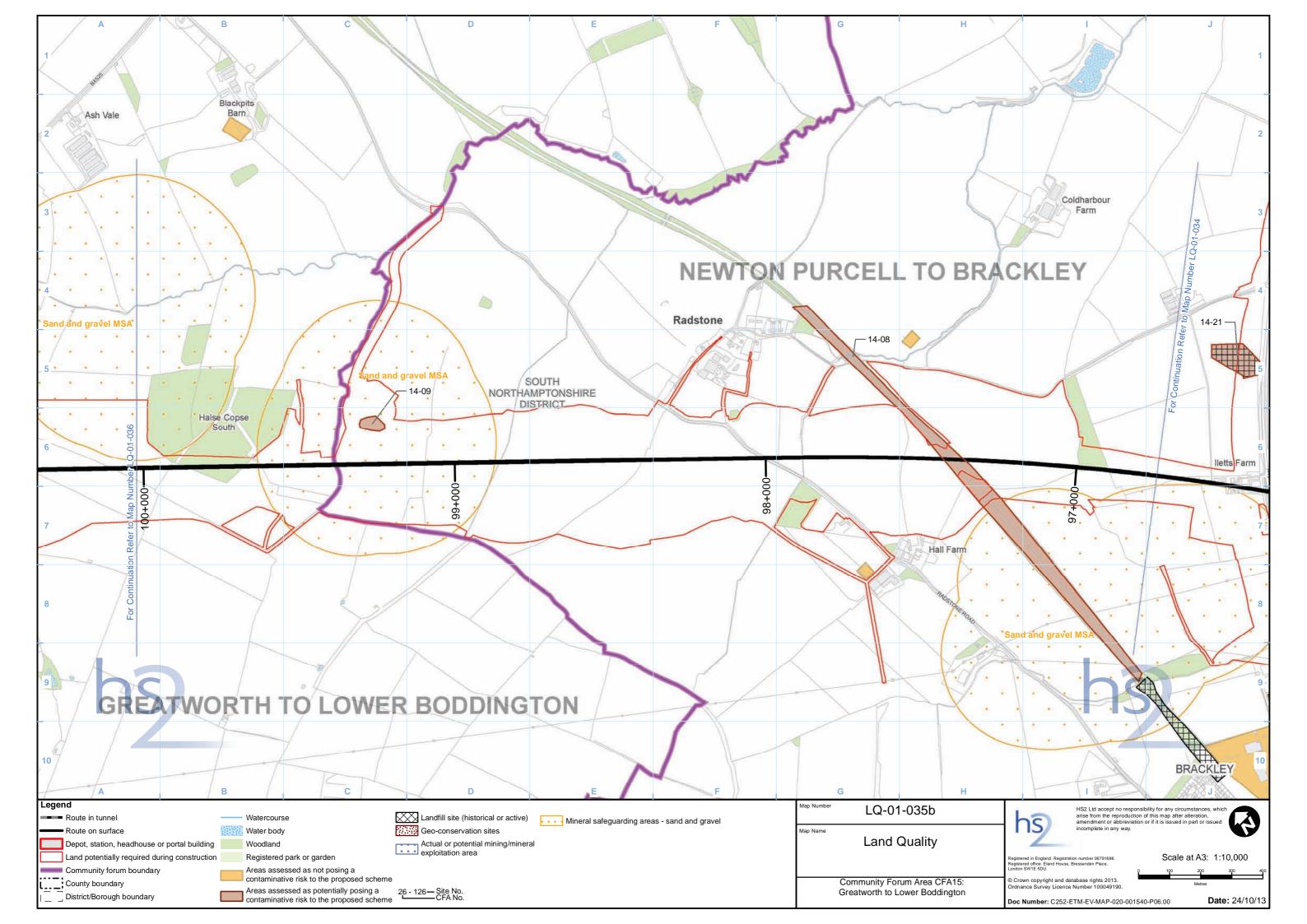


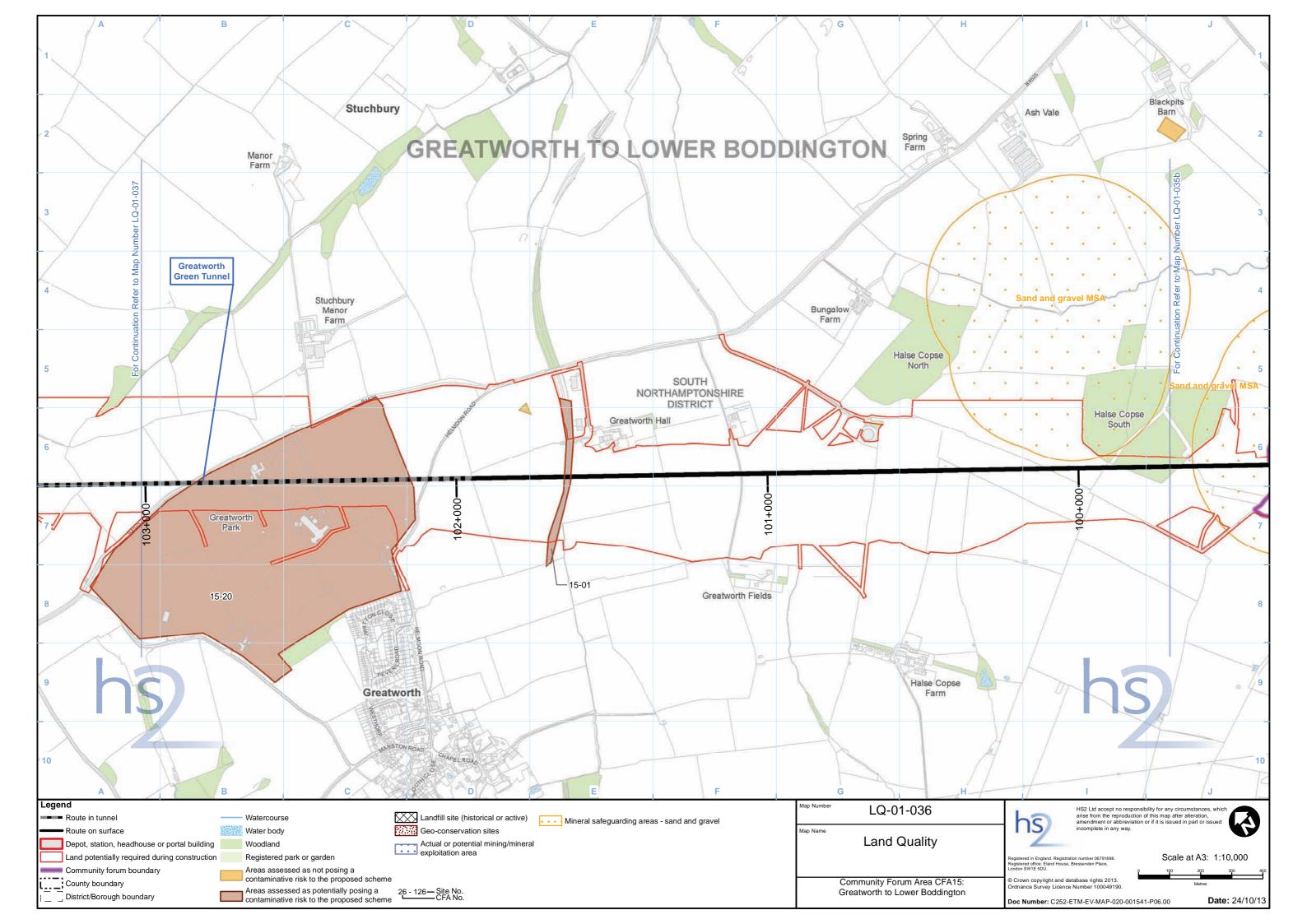
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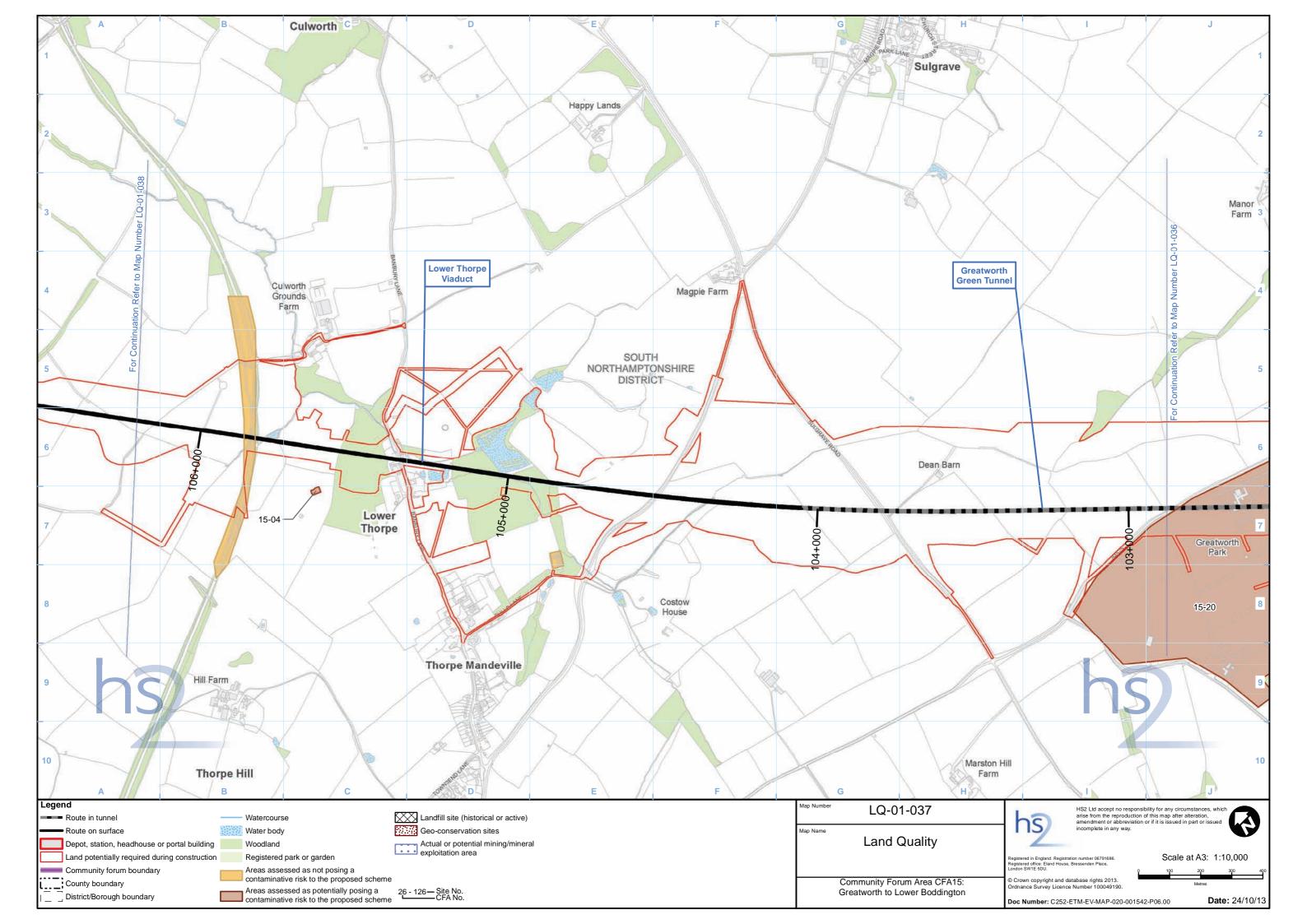


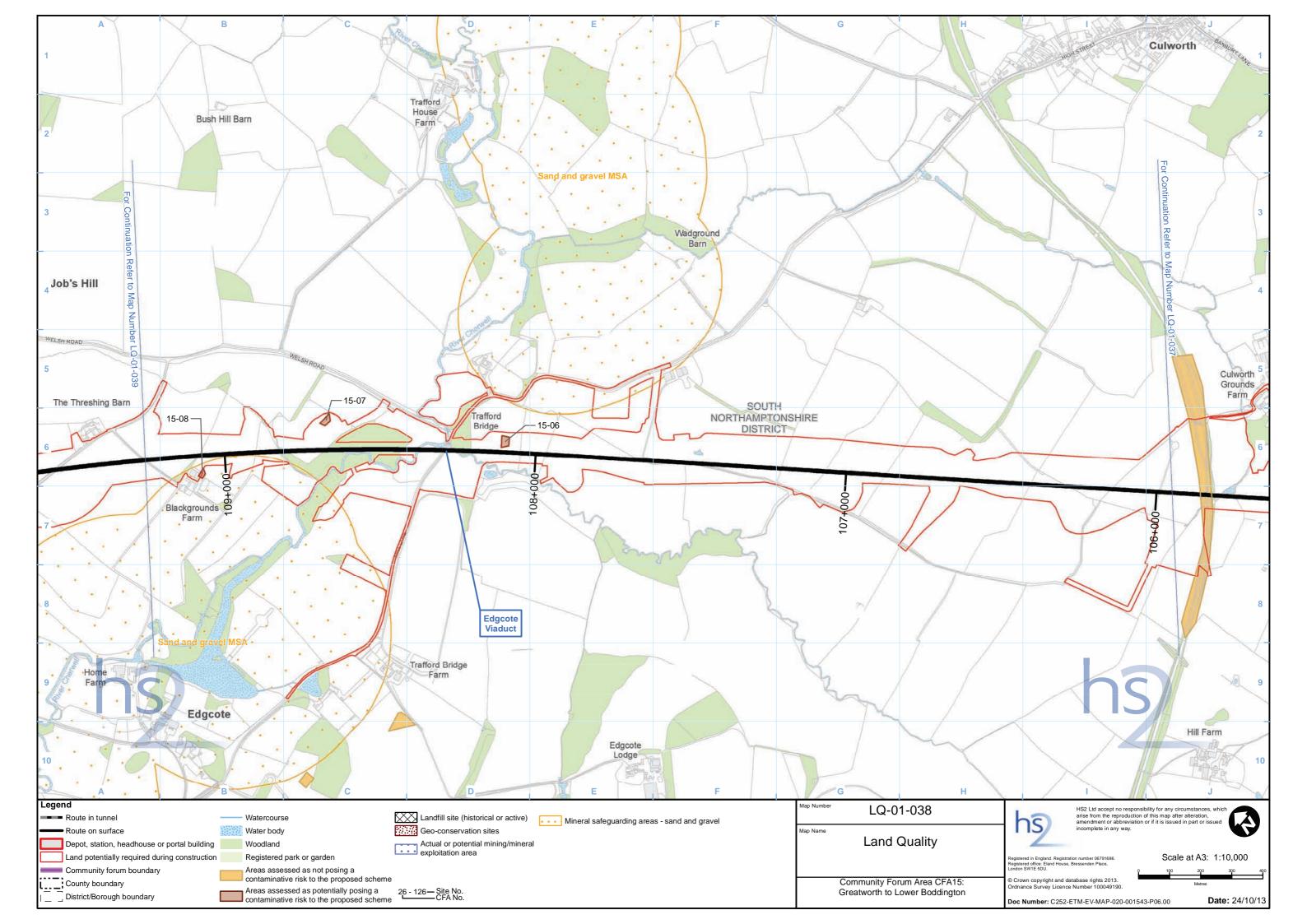
CFA₁₅ | Greatworth to Lower Boddington LQ-o₁ - Land Quality

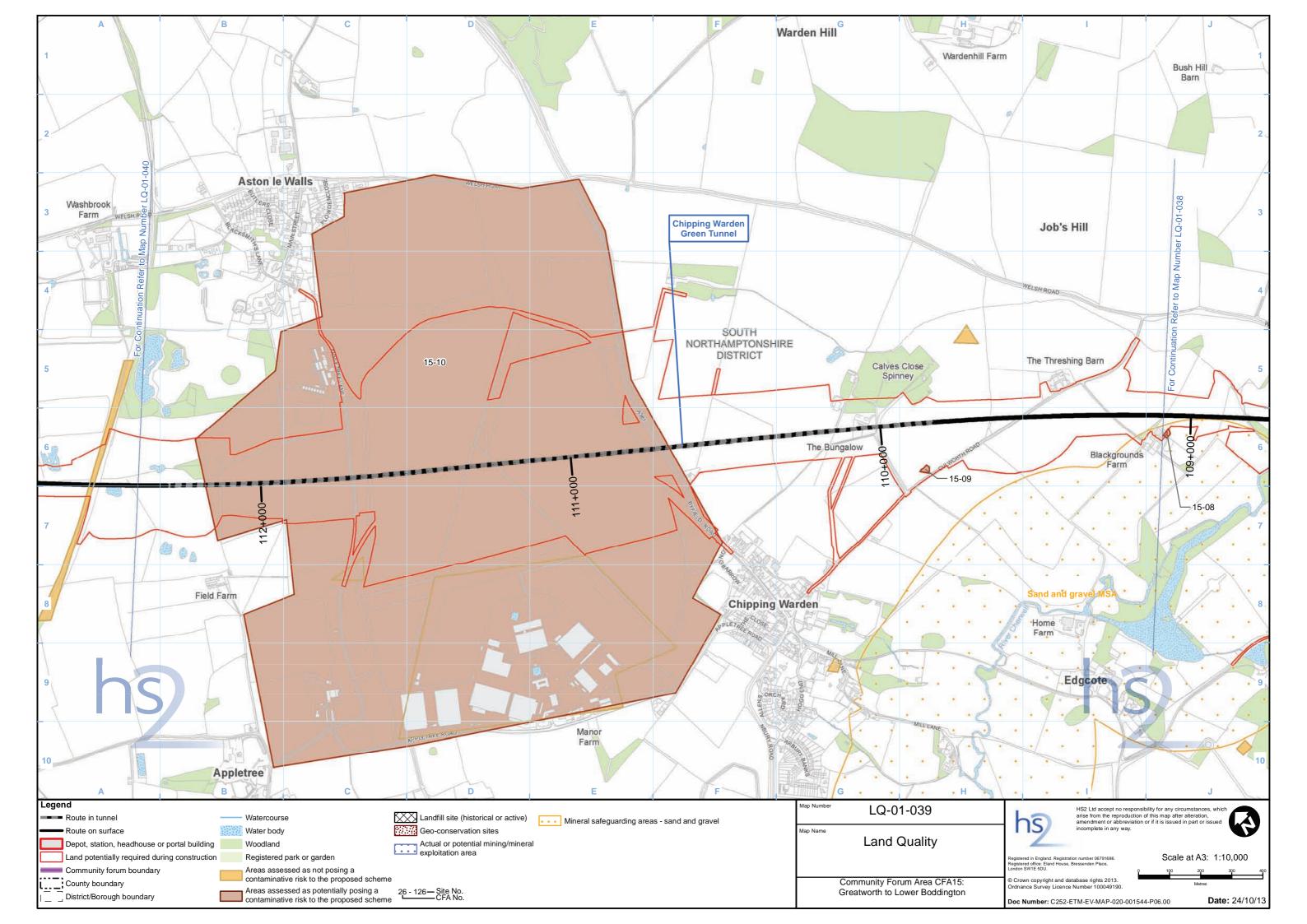


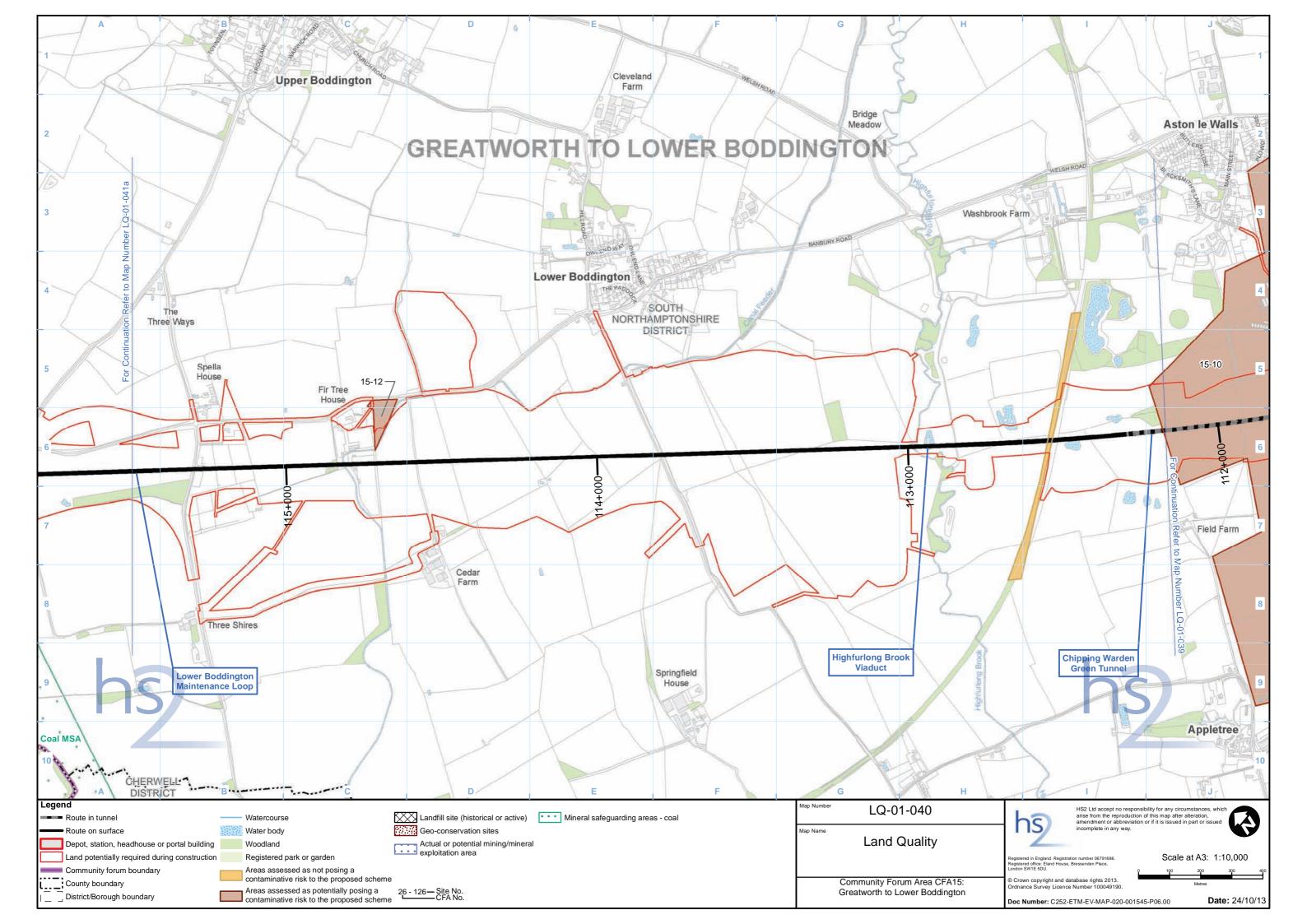


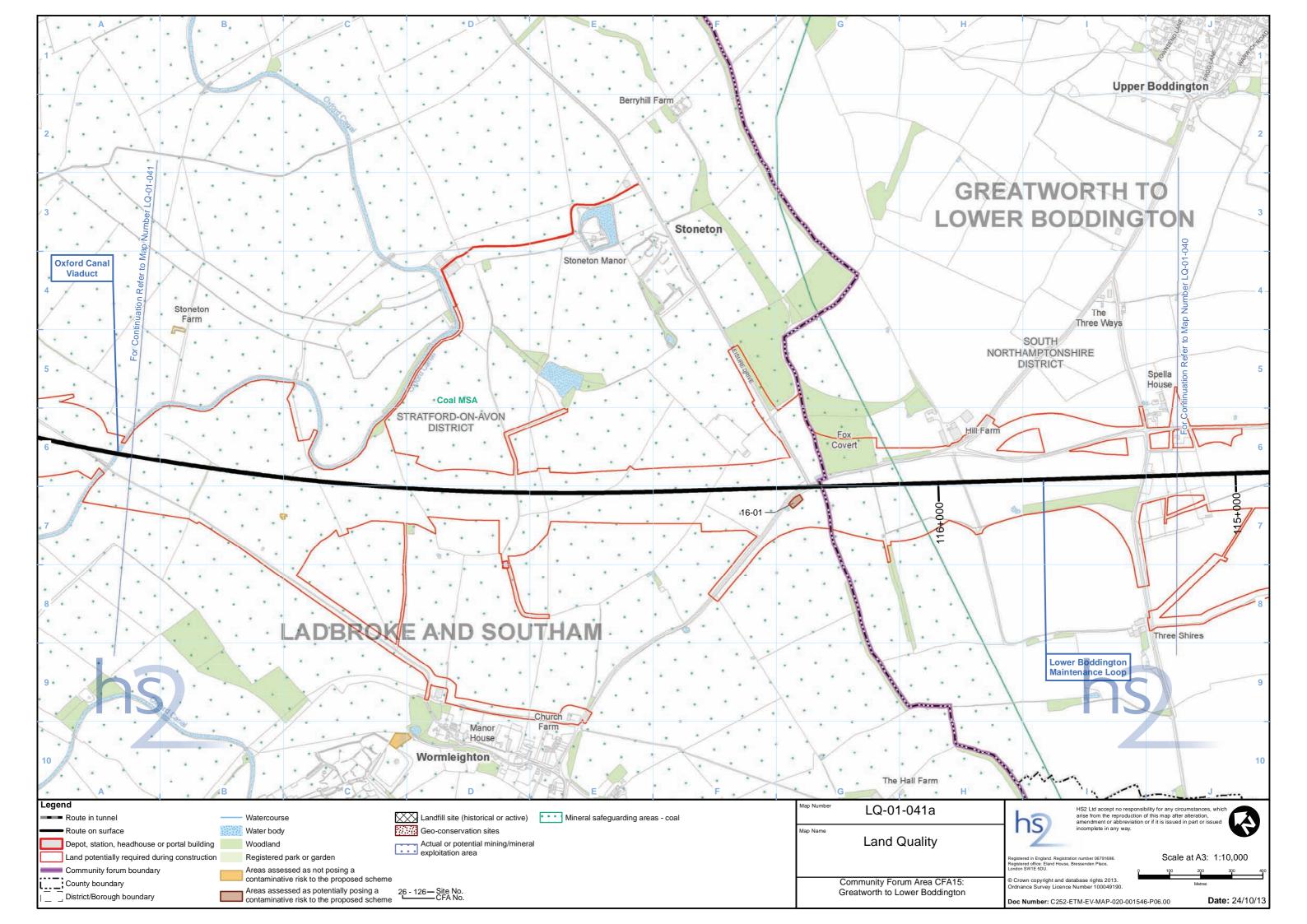






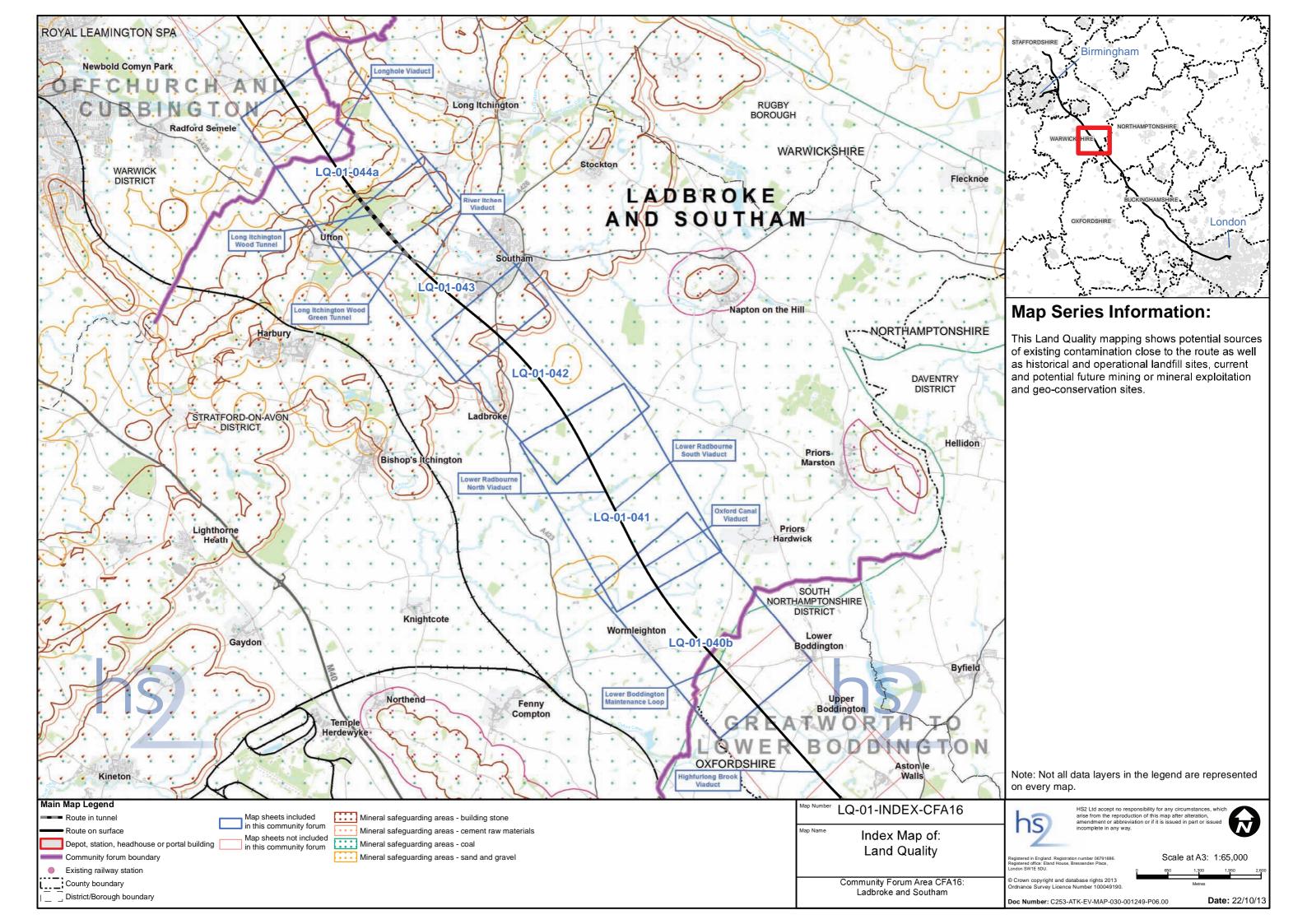


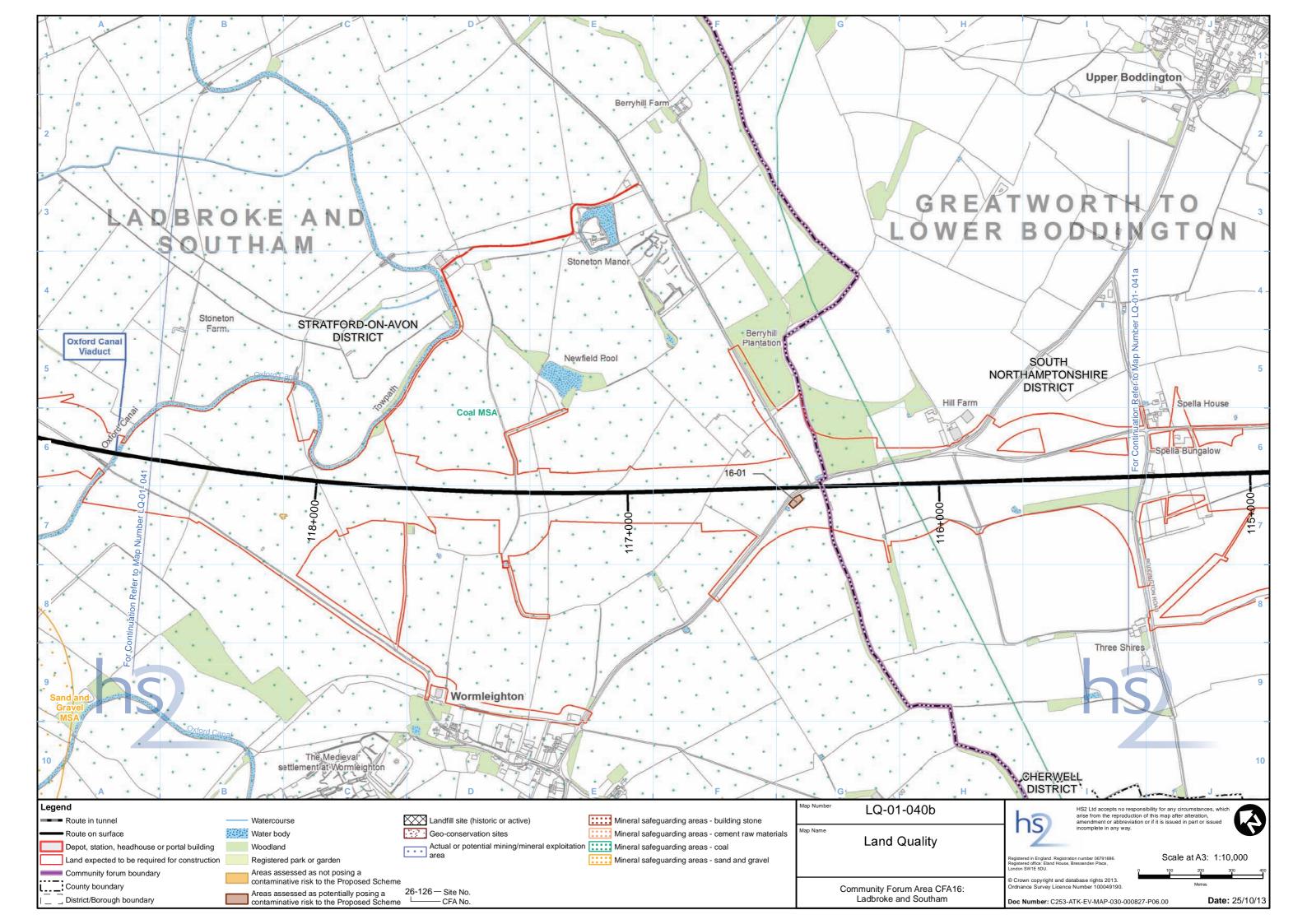


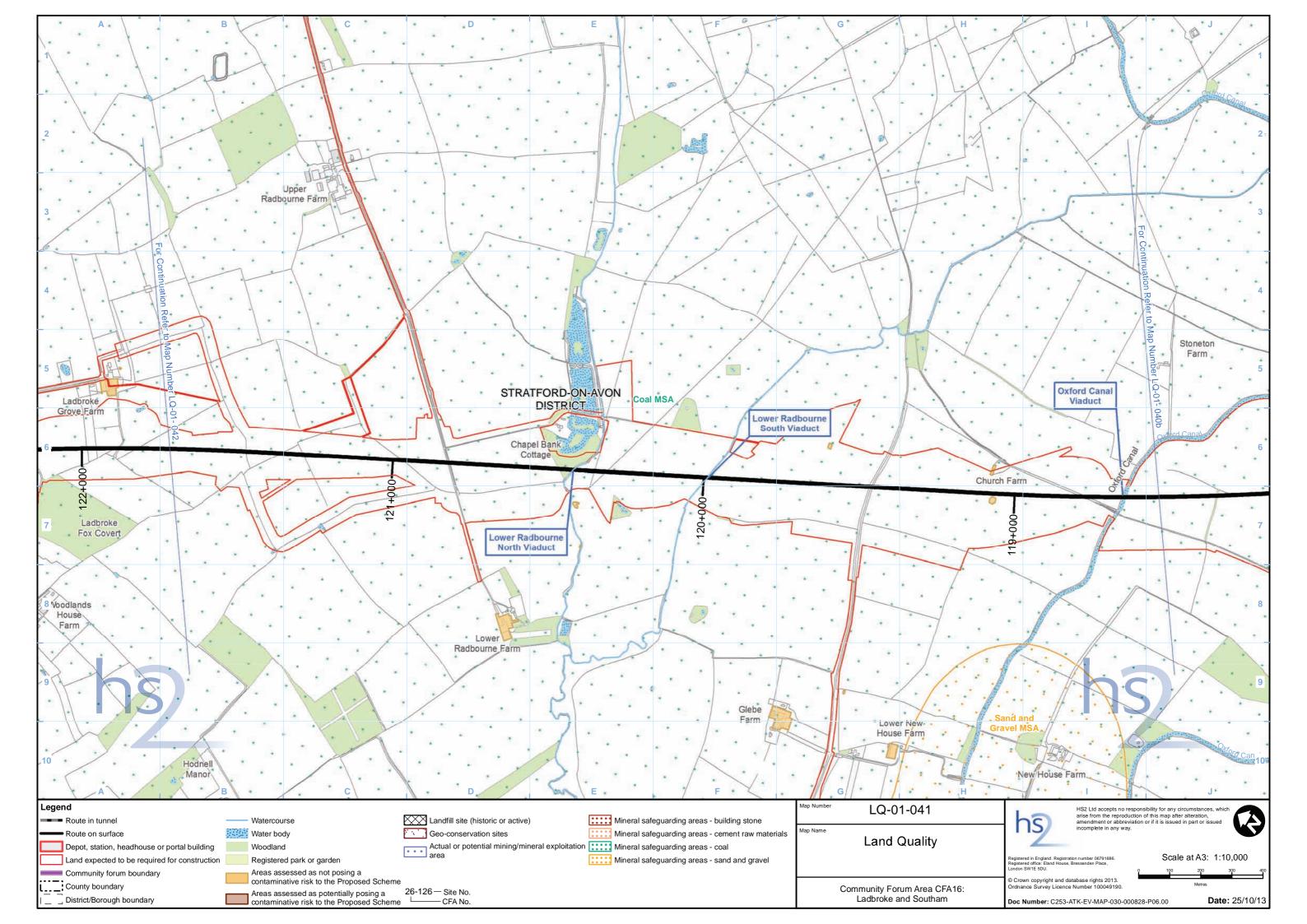


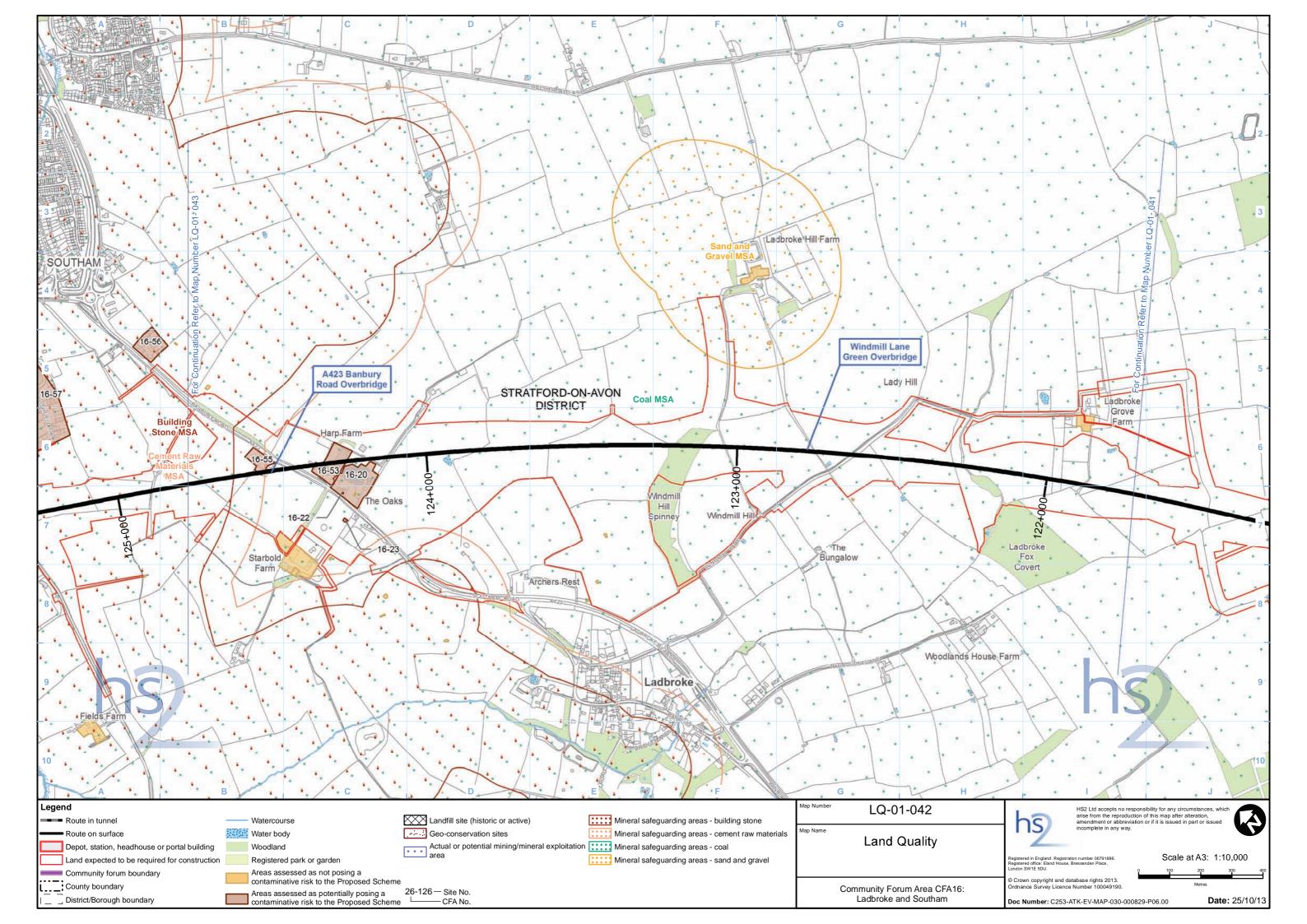


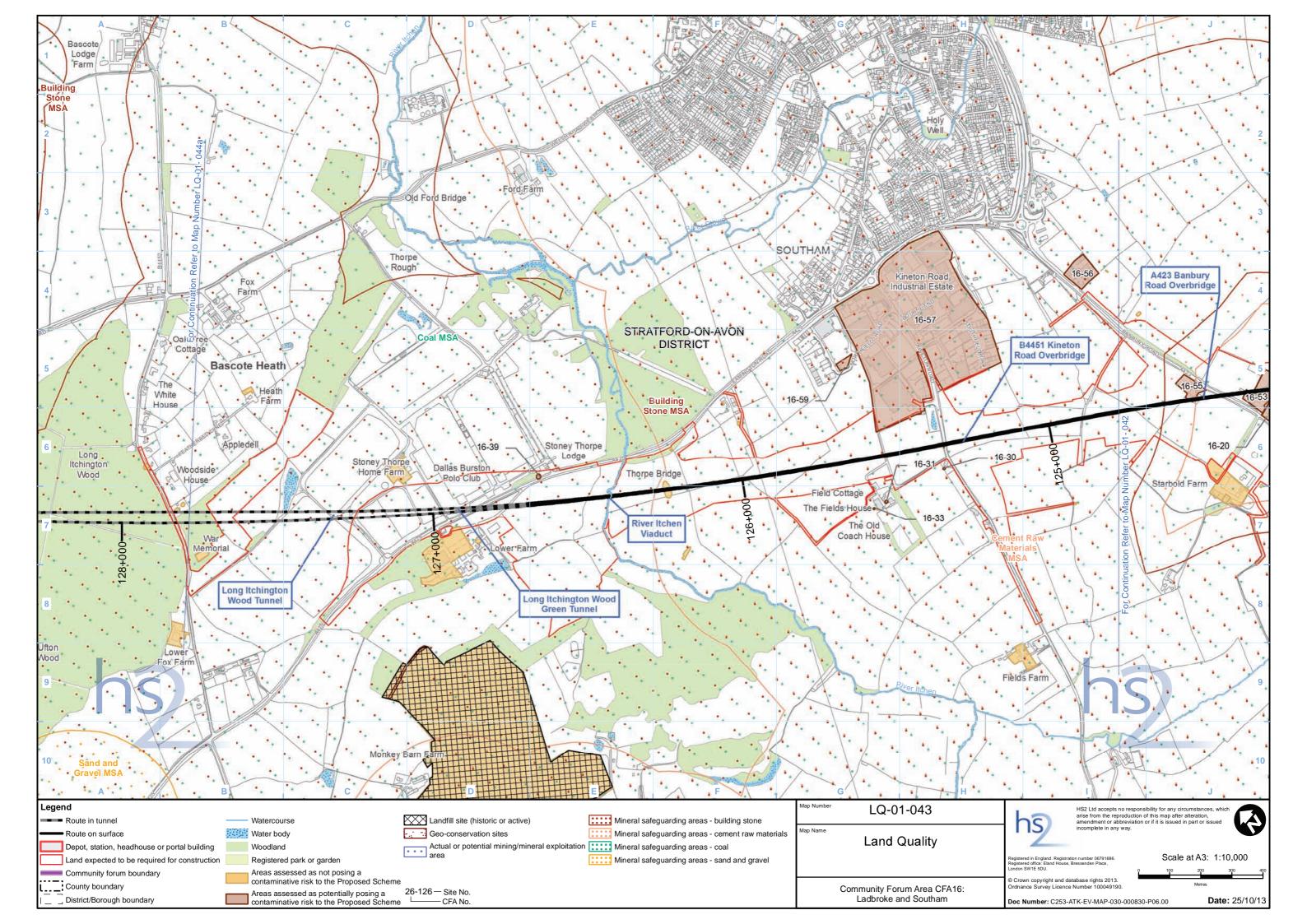
CFA16 | Ladbroke and Southam LQ-01 - Land Quality

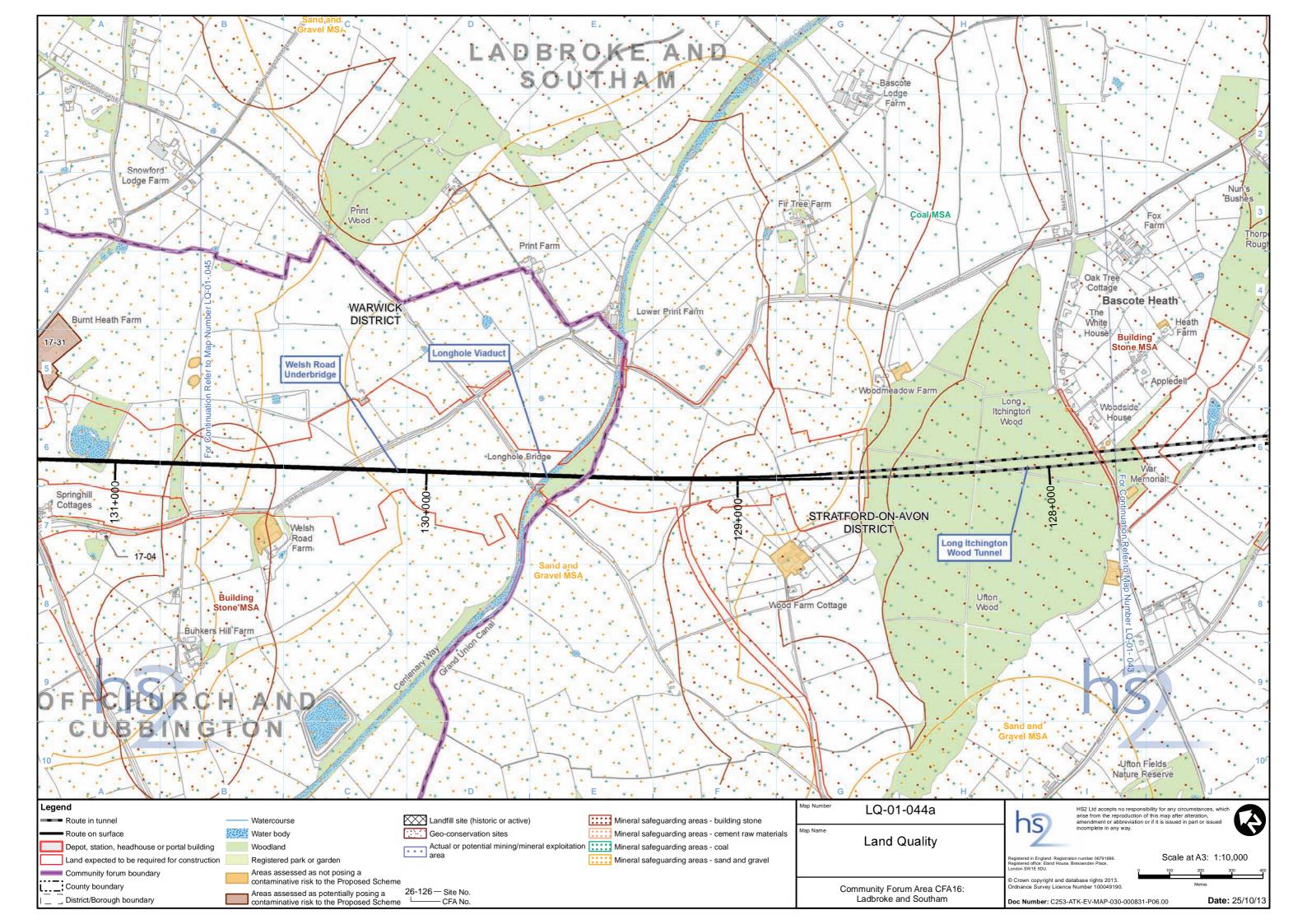






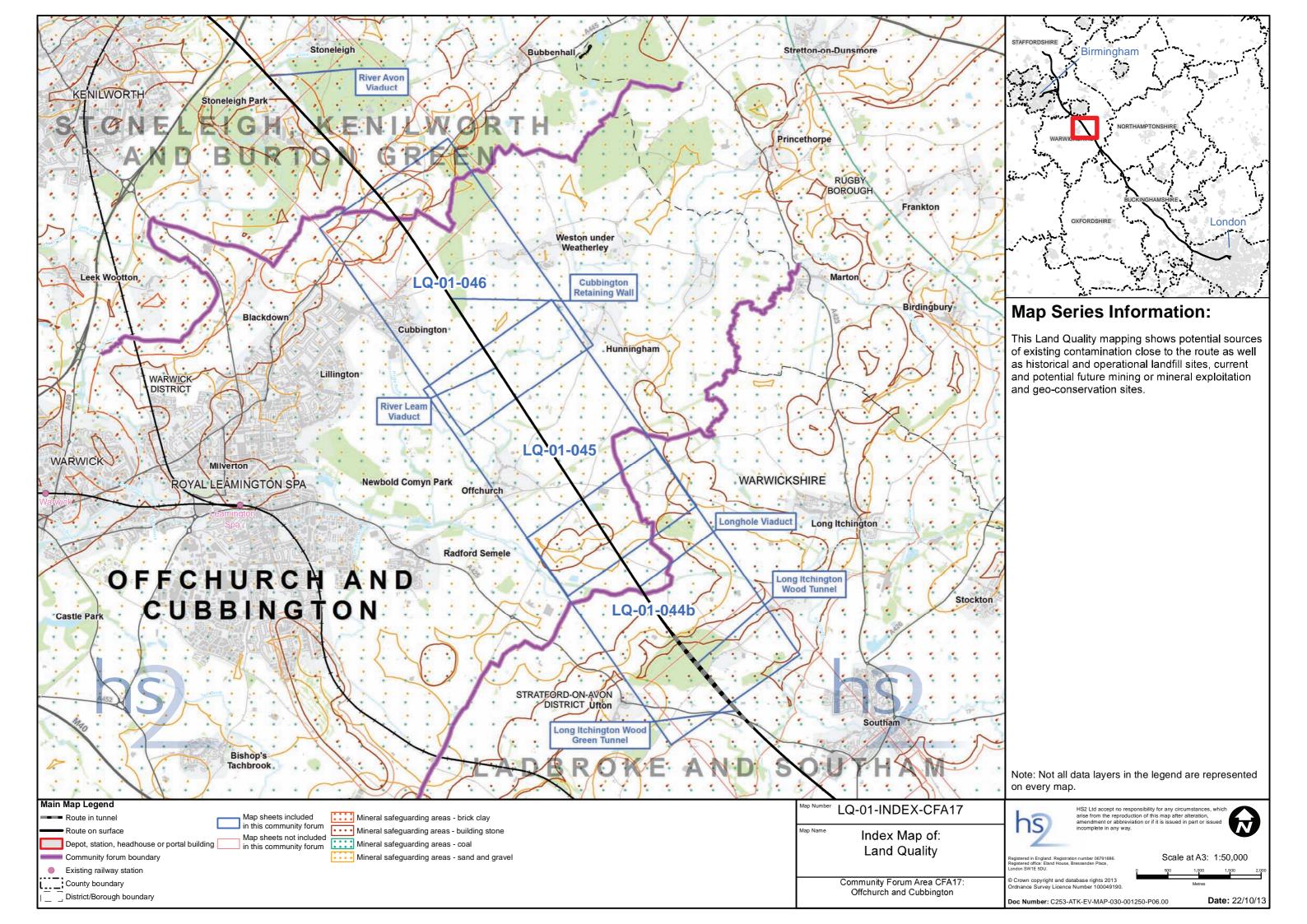


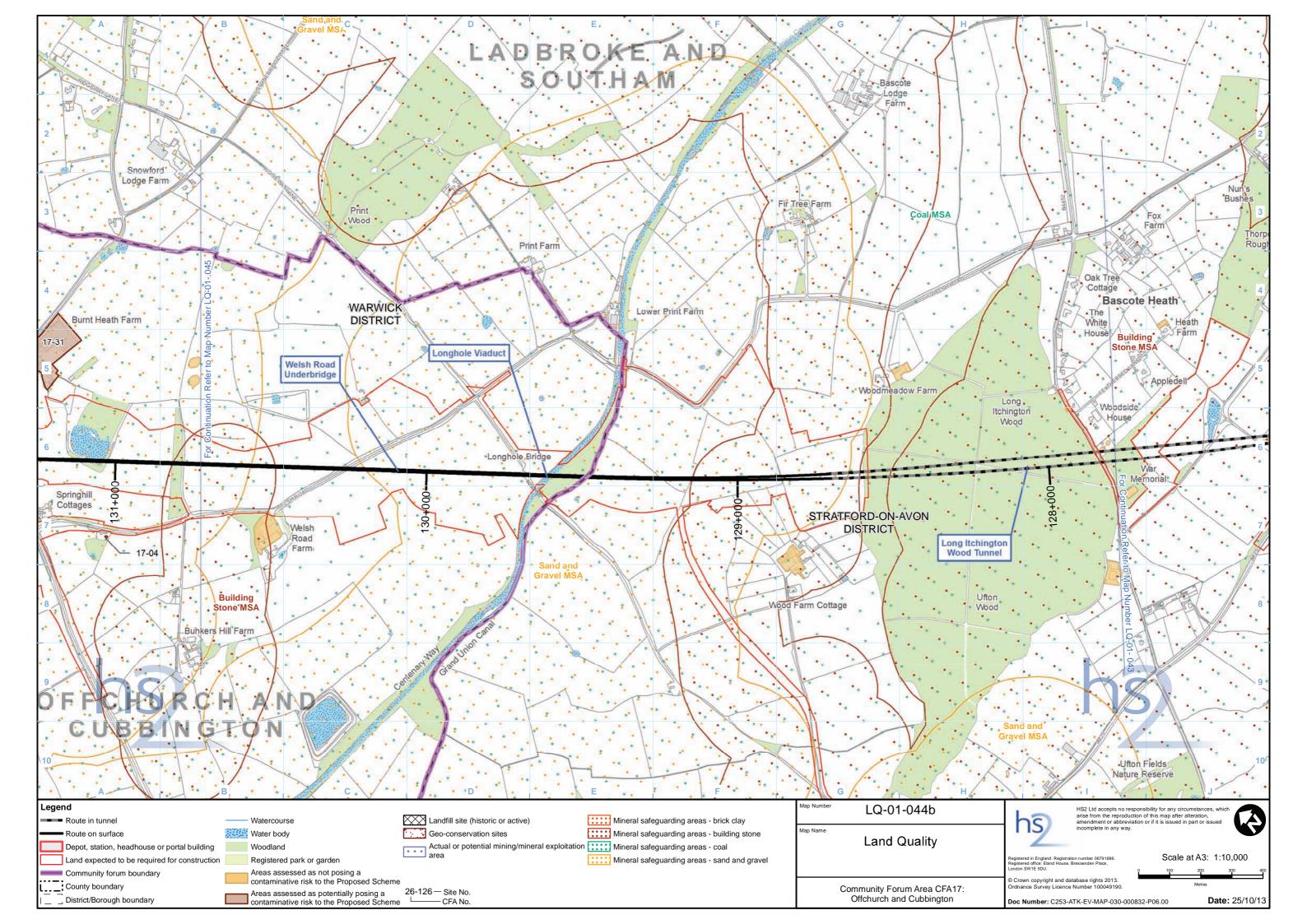


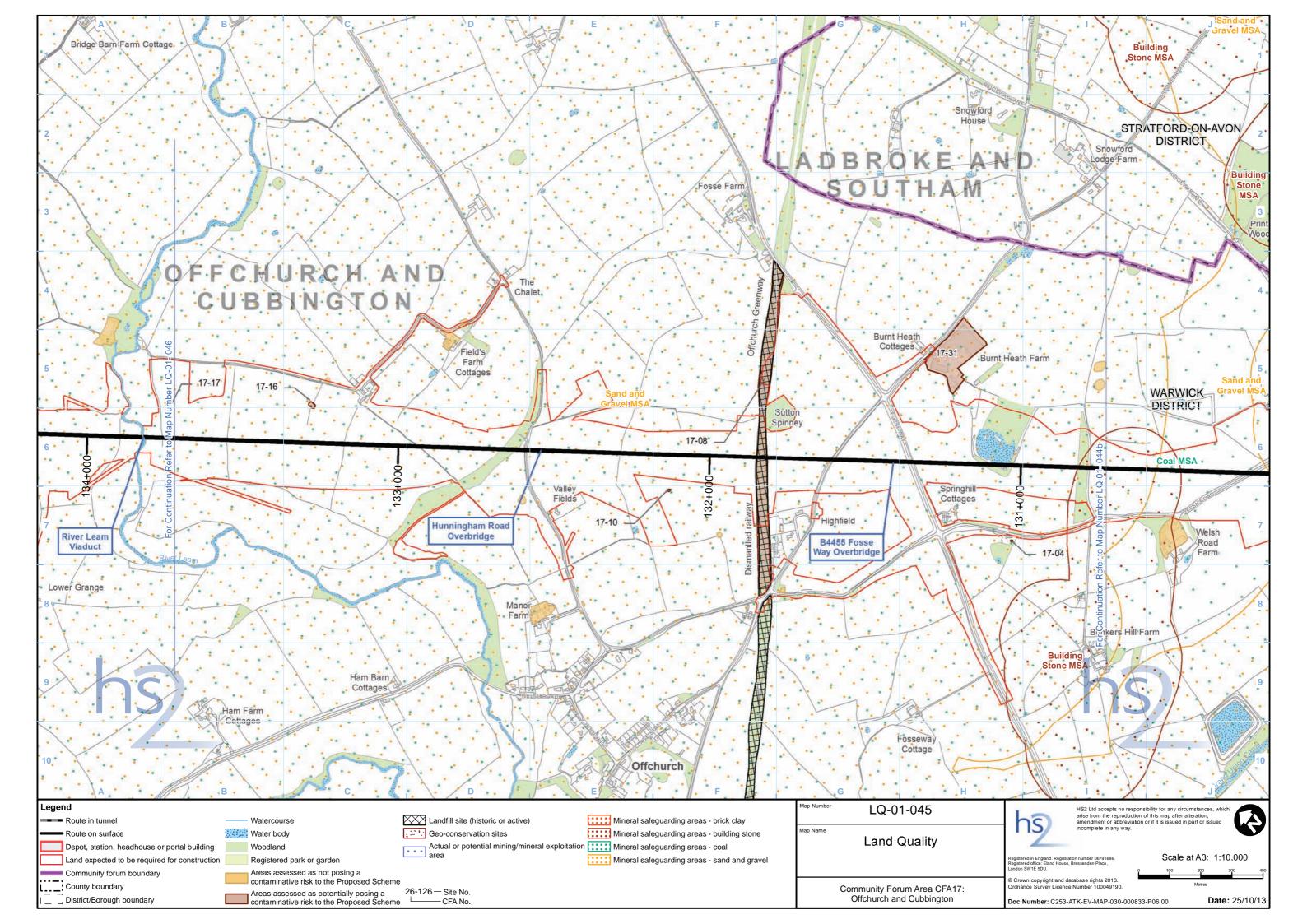


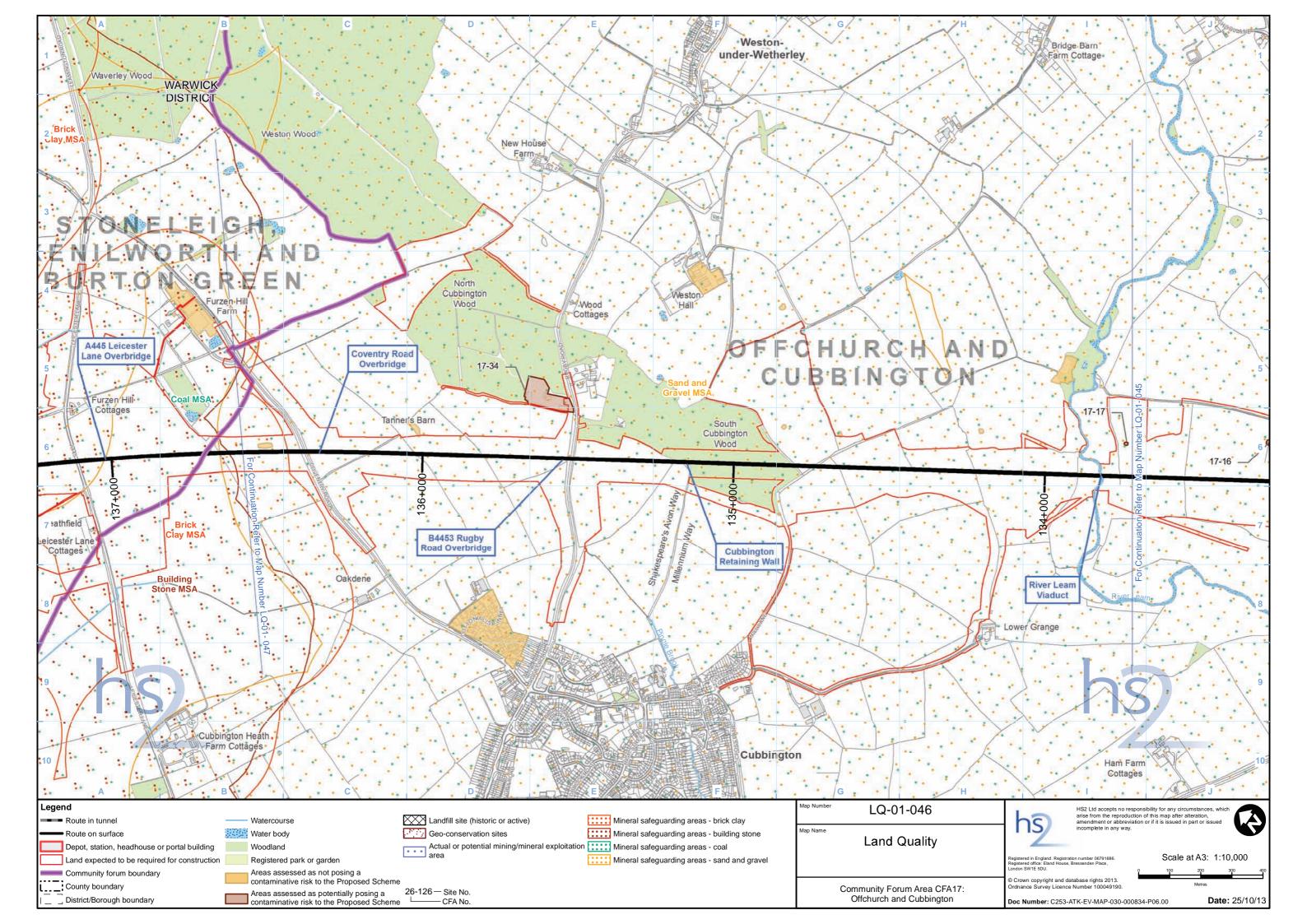


CFA₁₇ Offchurch and Cubbington LQ-o₁ - Land Quality



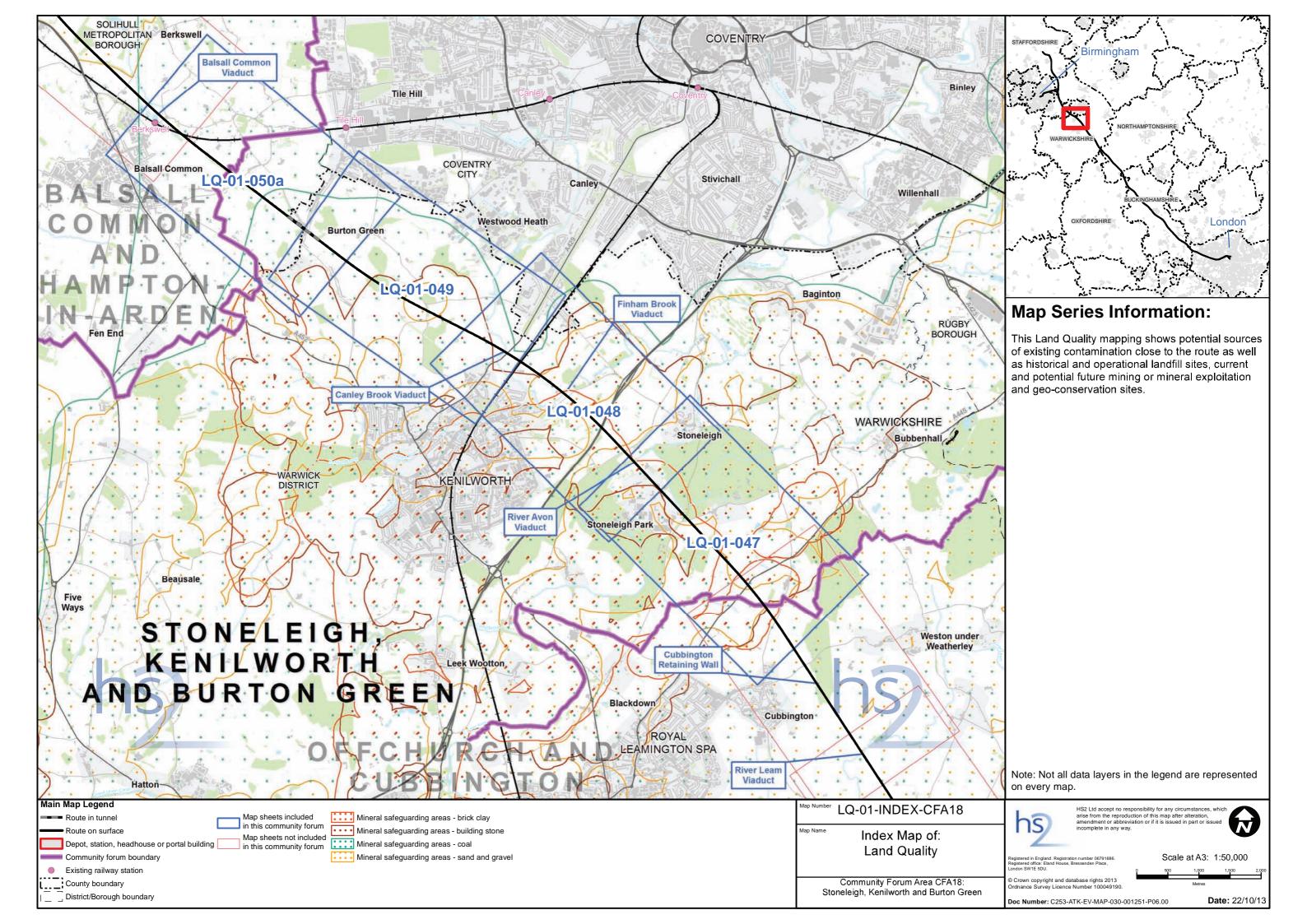


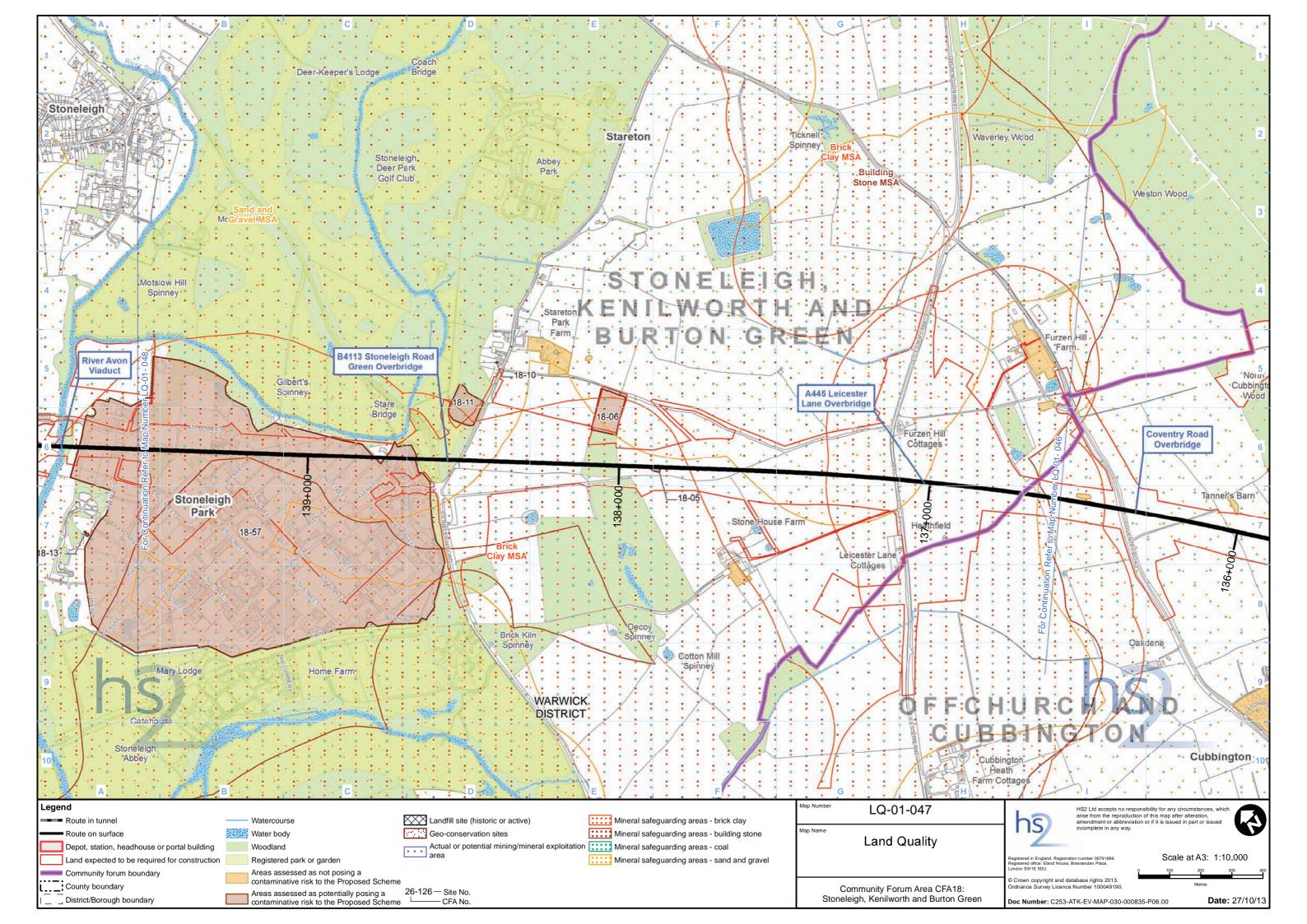


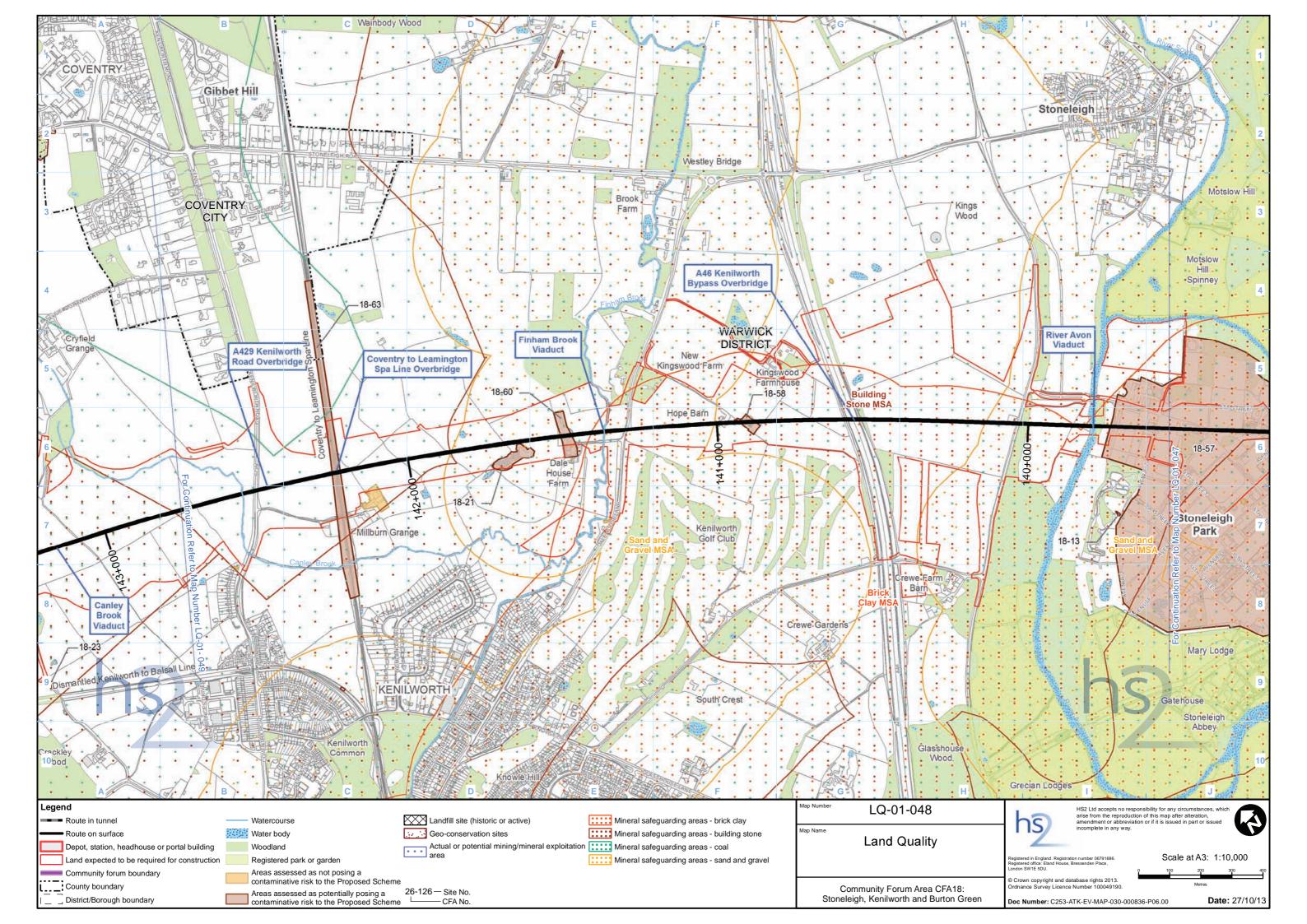


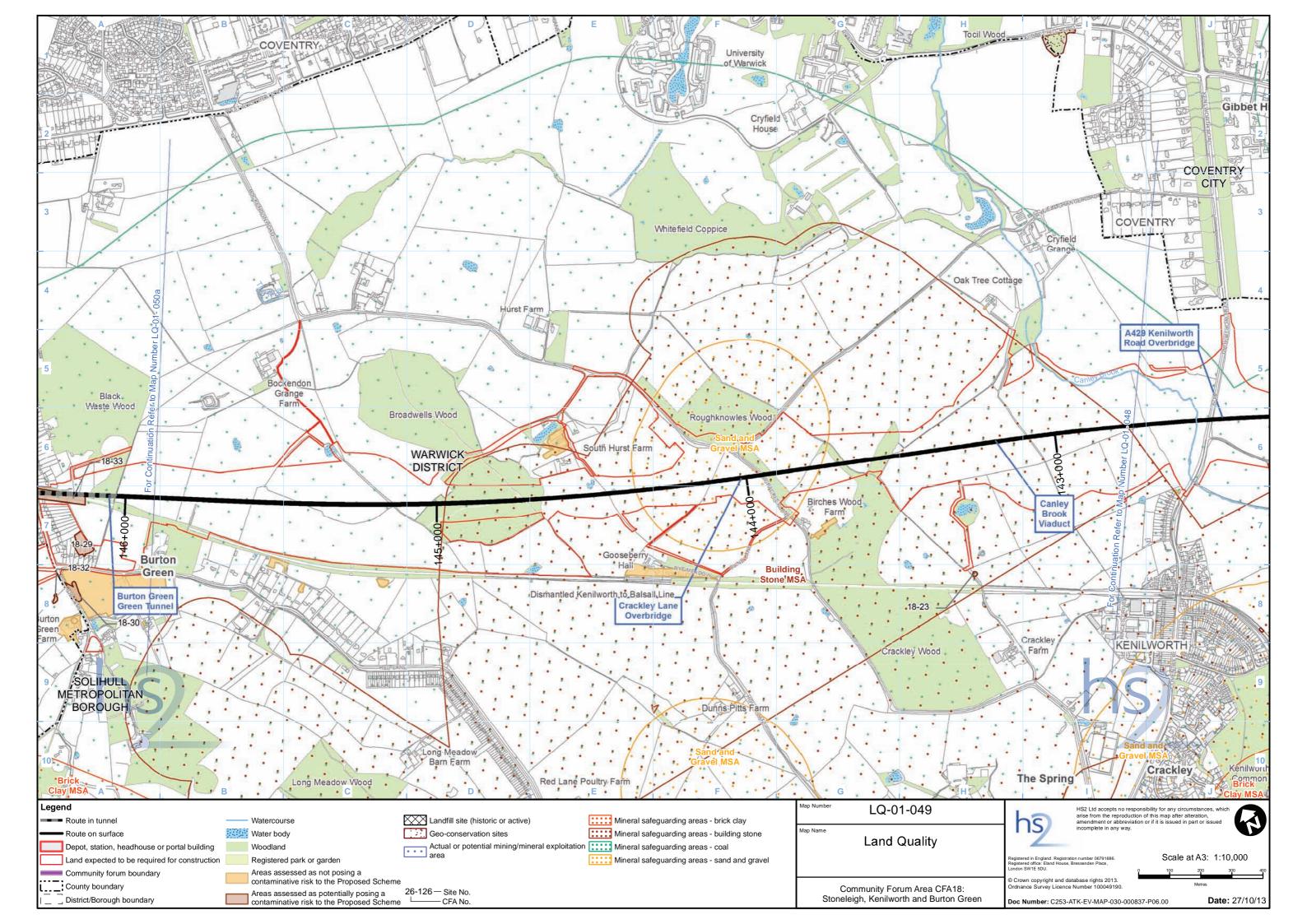


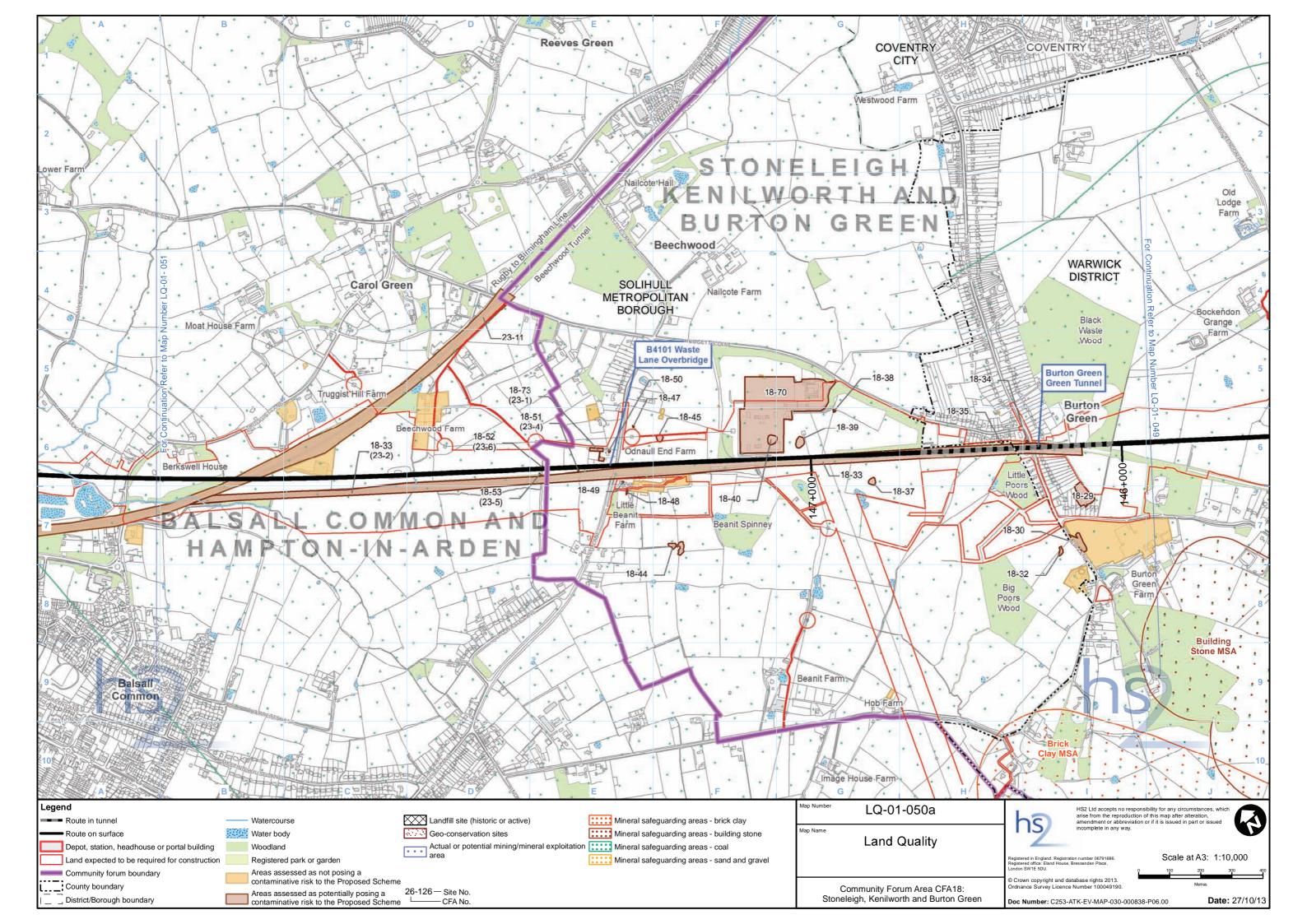
CFA18 | Stoneleigh, Kenilworth and Burton Green LQ-01 - Land Quality





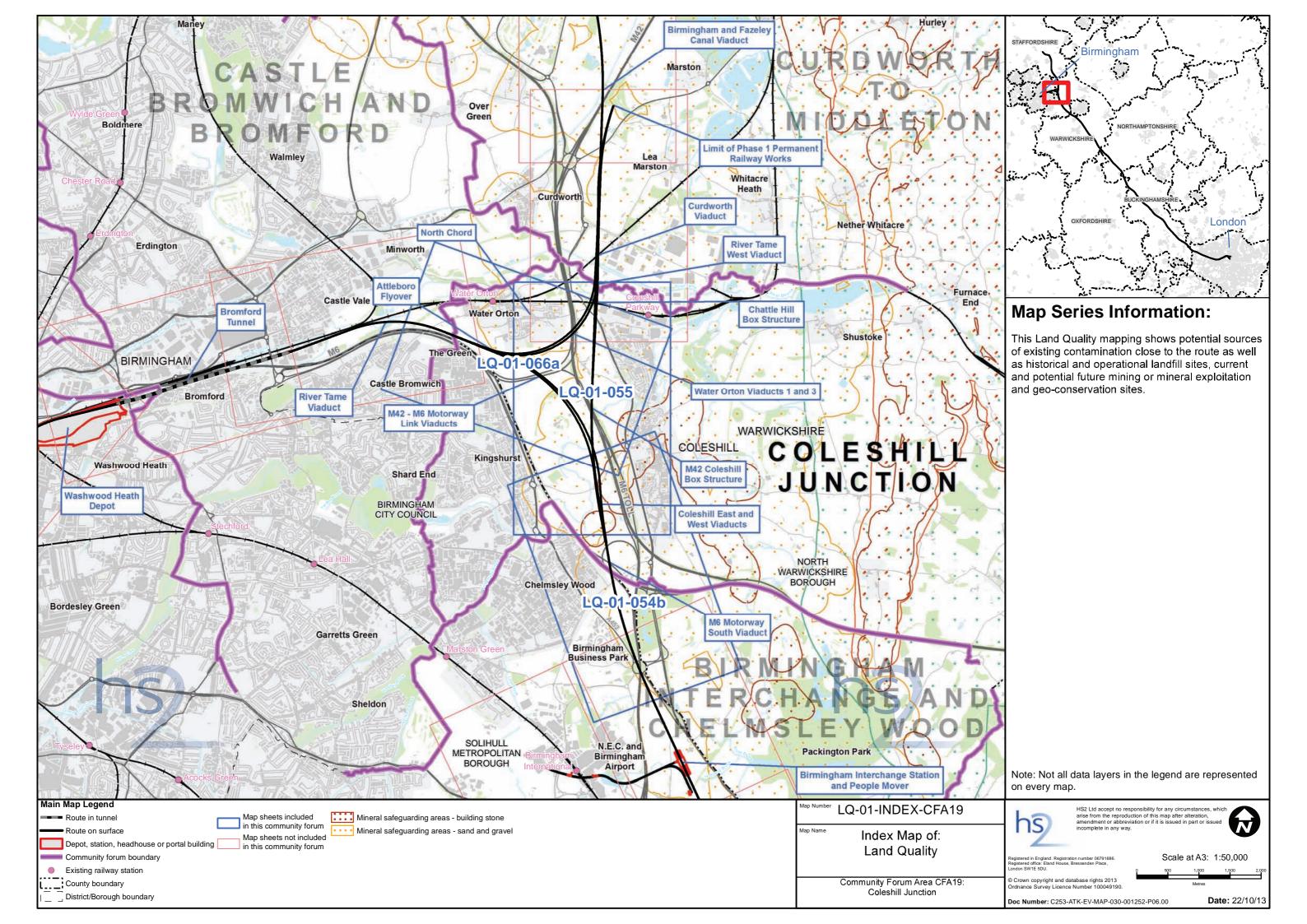


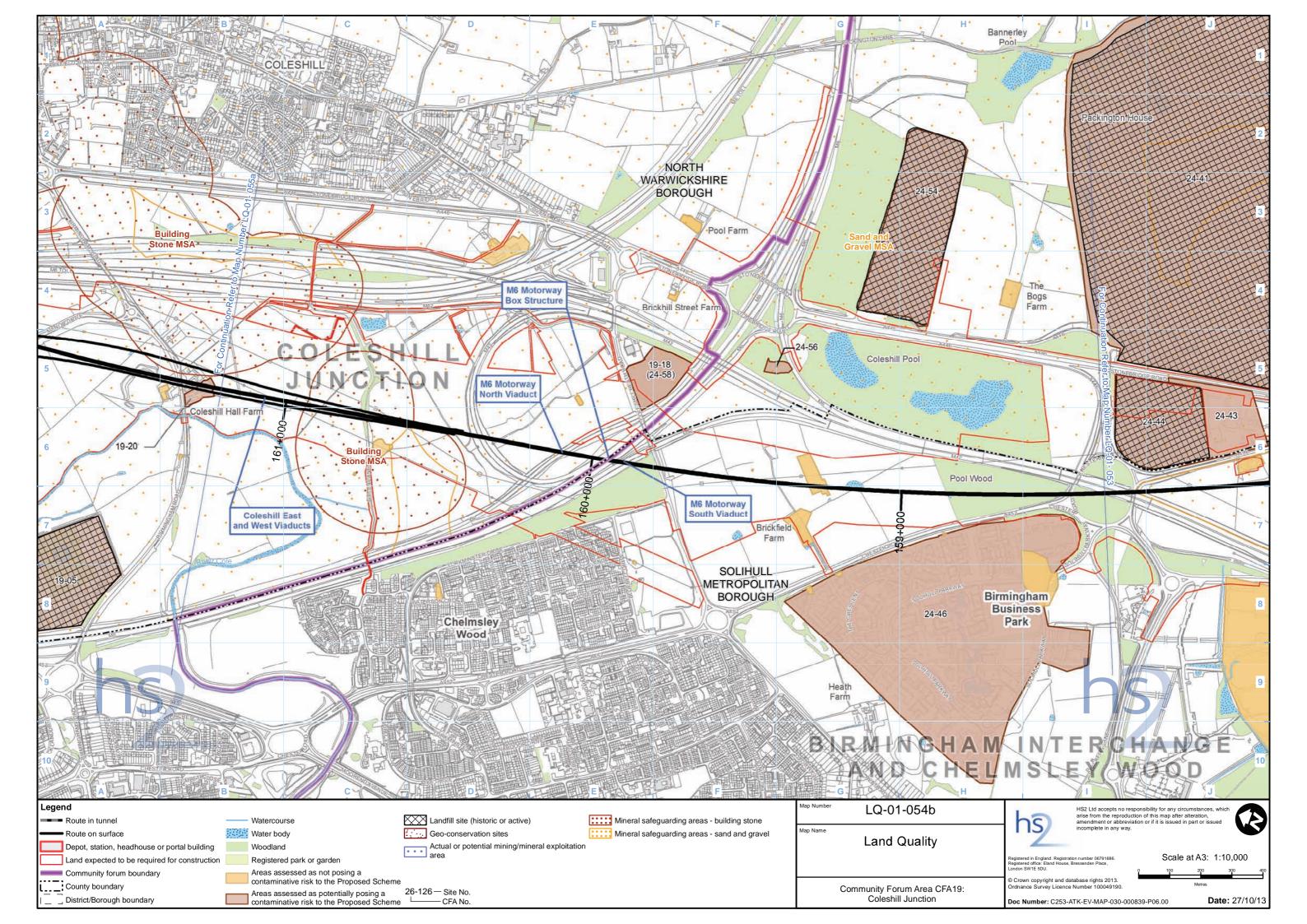


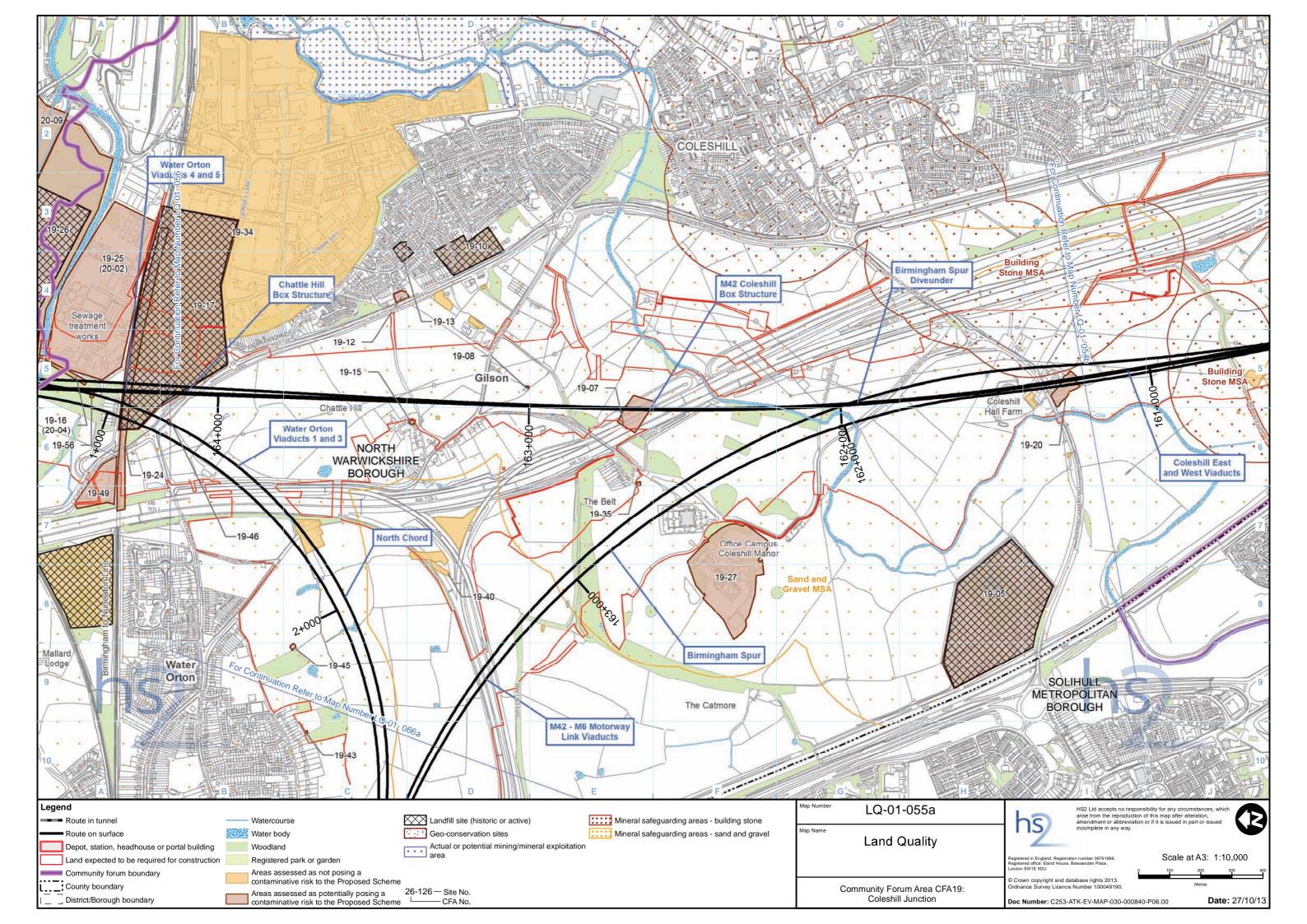


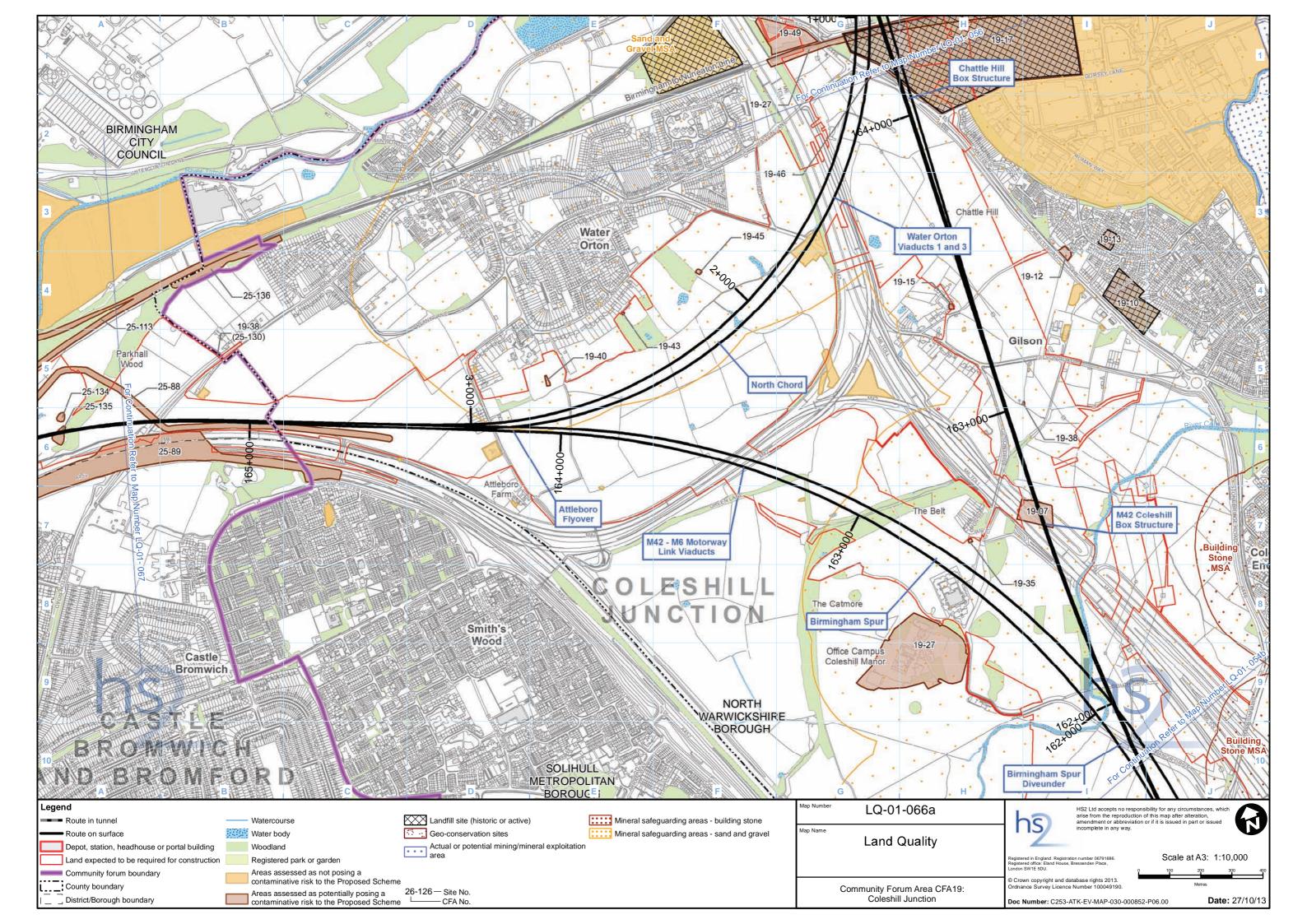


CFA19 | Coleshill Junction LQ-01 - Land Quality



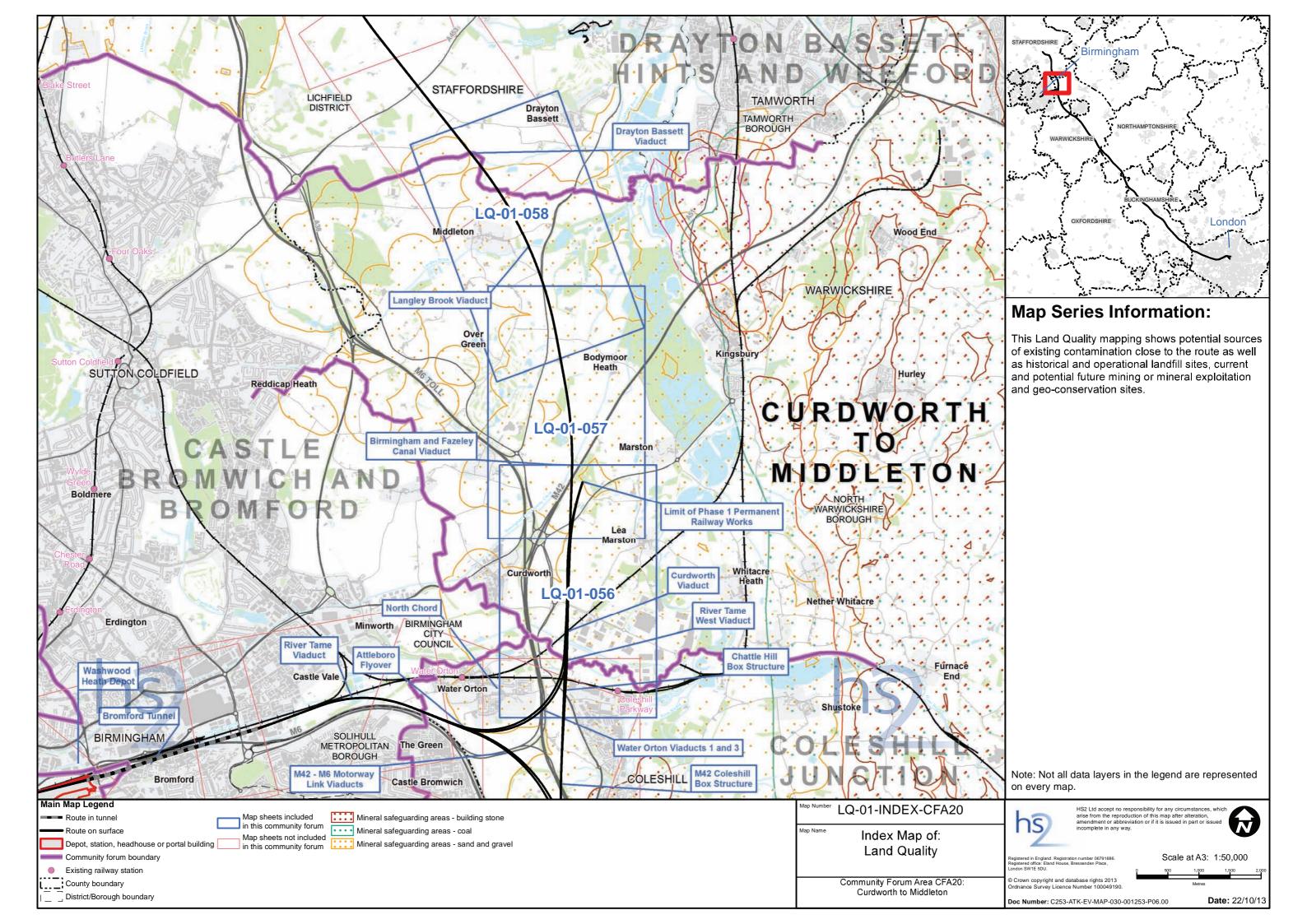


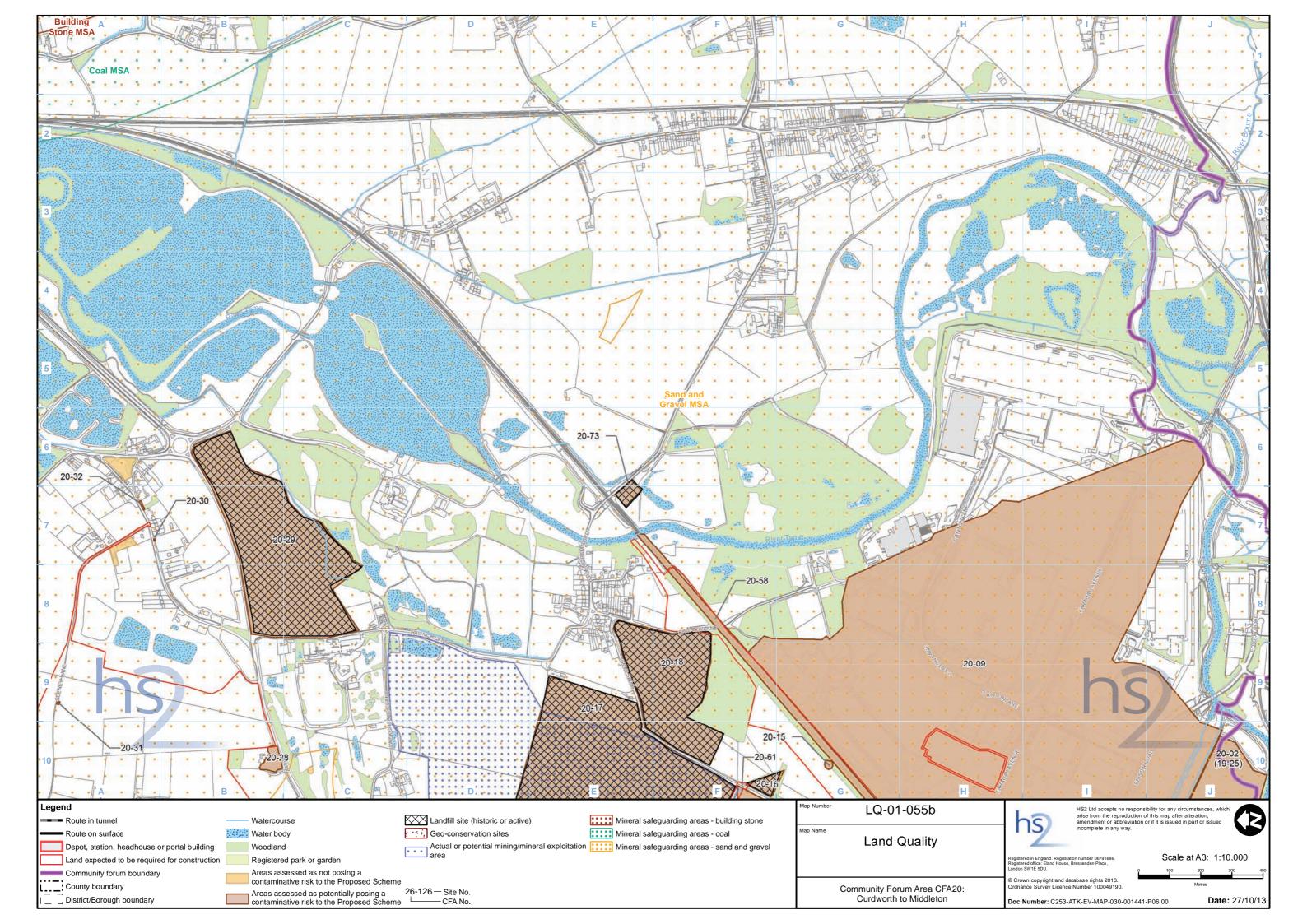


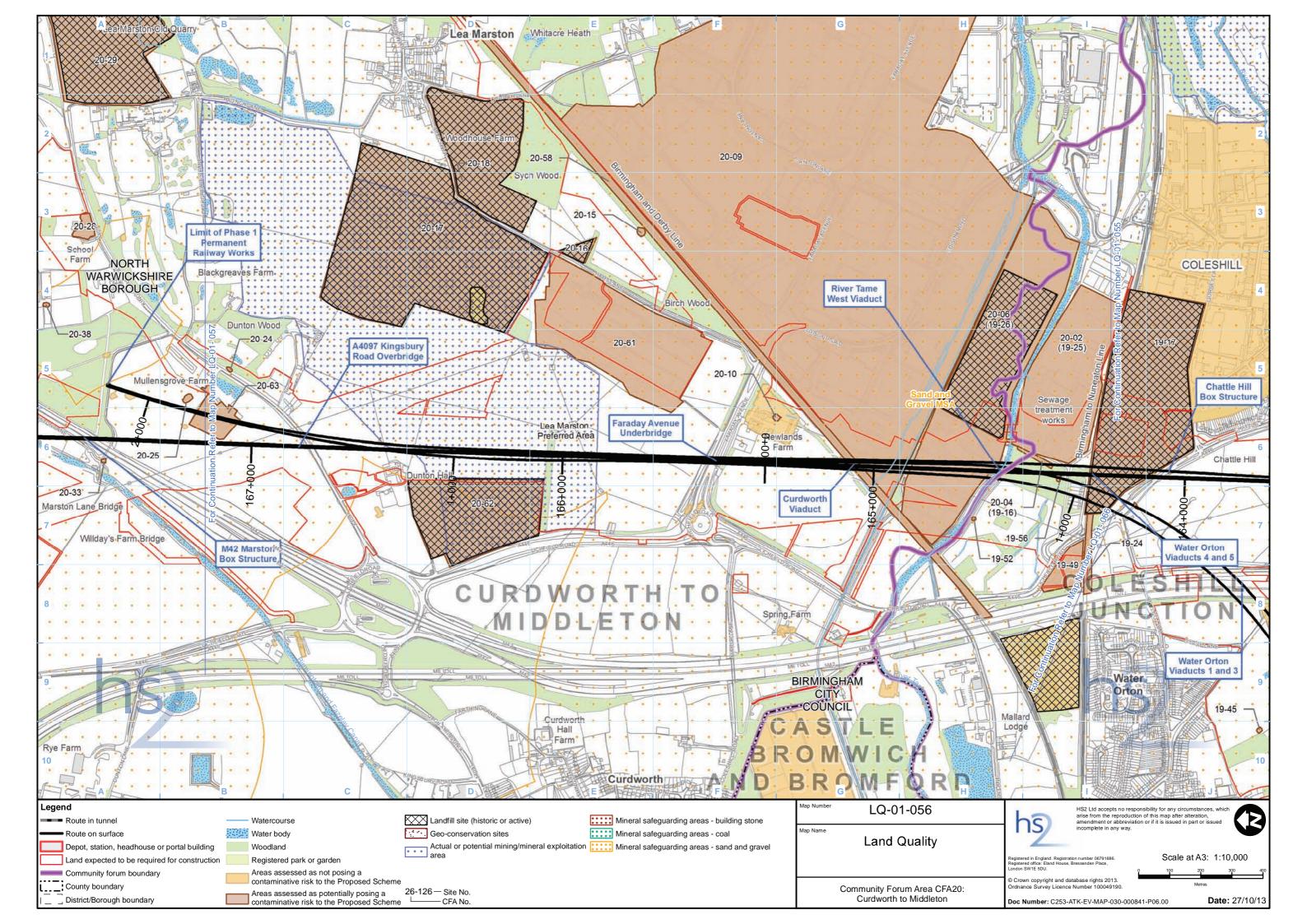


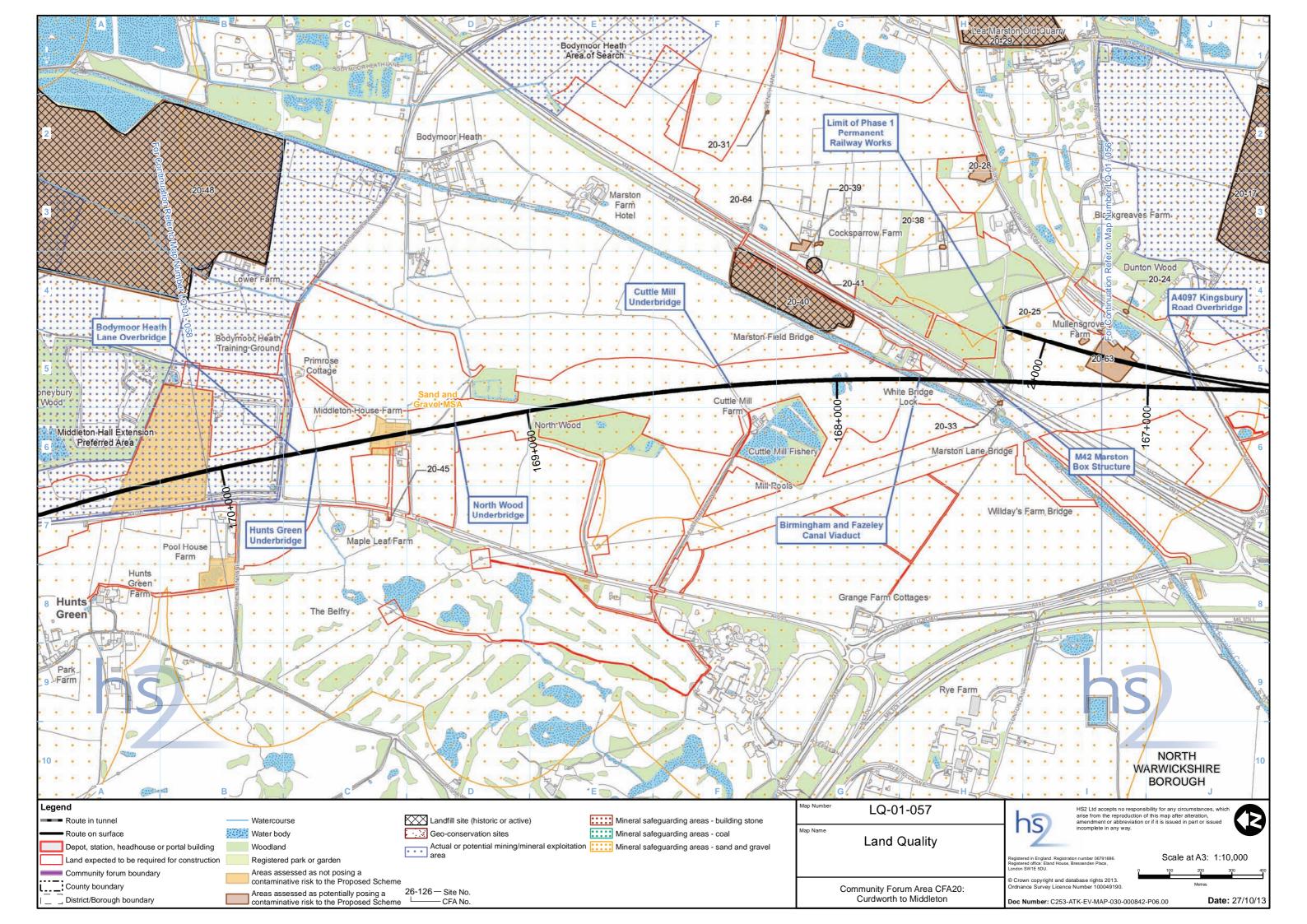


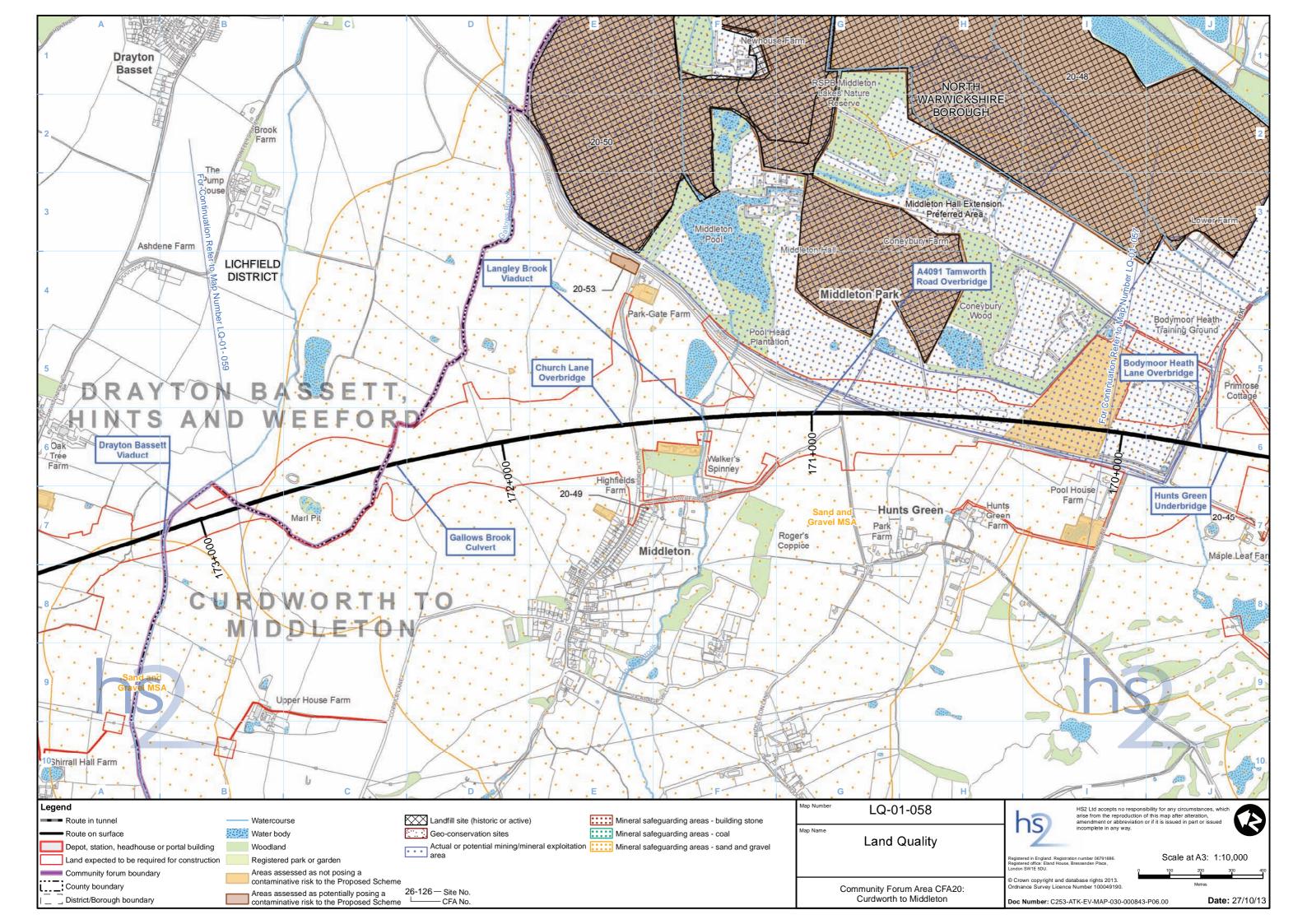
CFA20 | Curdworth to Middleton LQ-01 - Land Quality





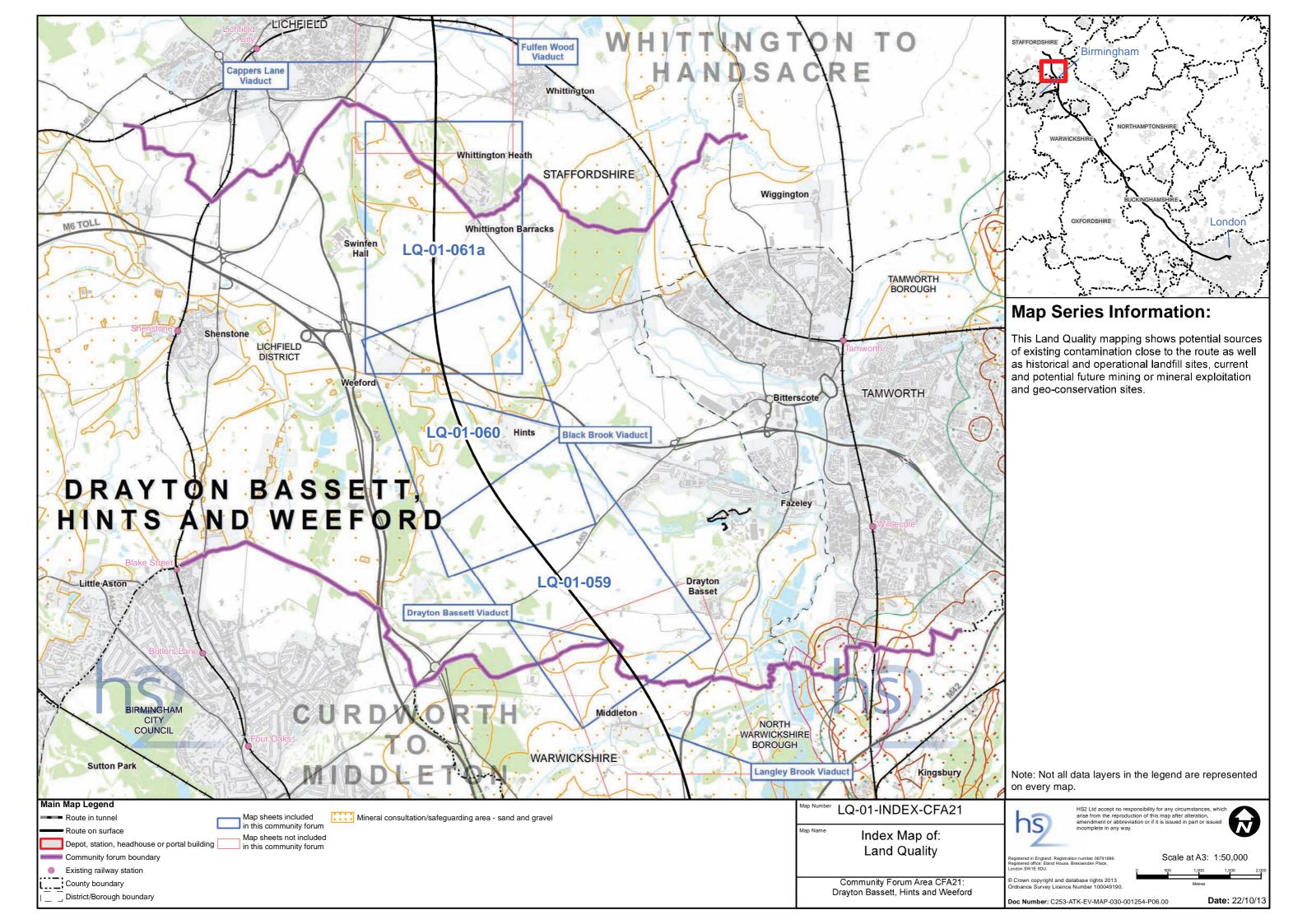


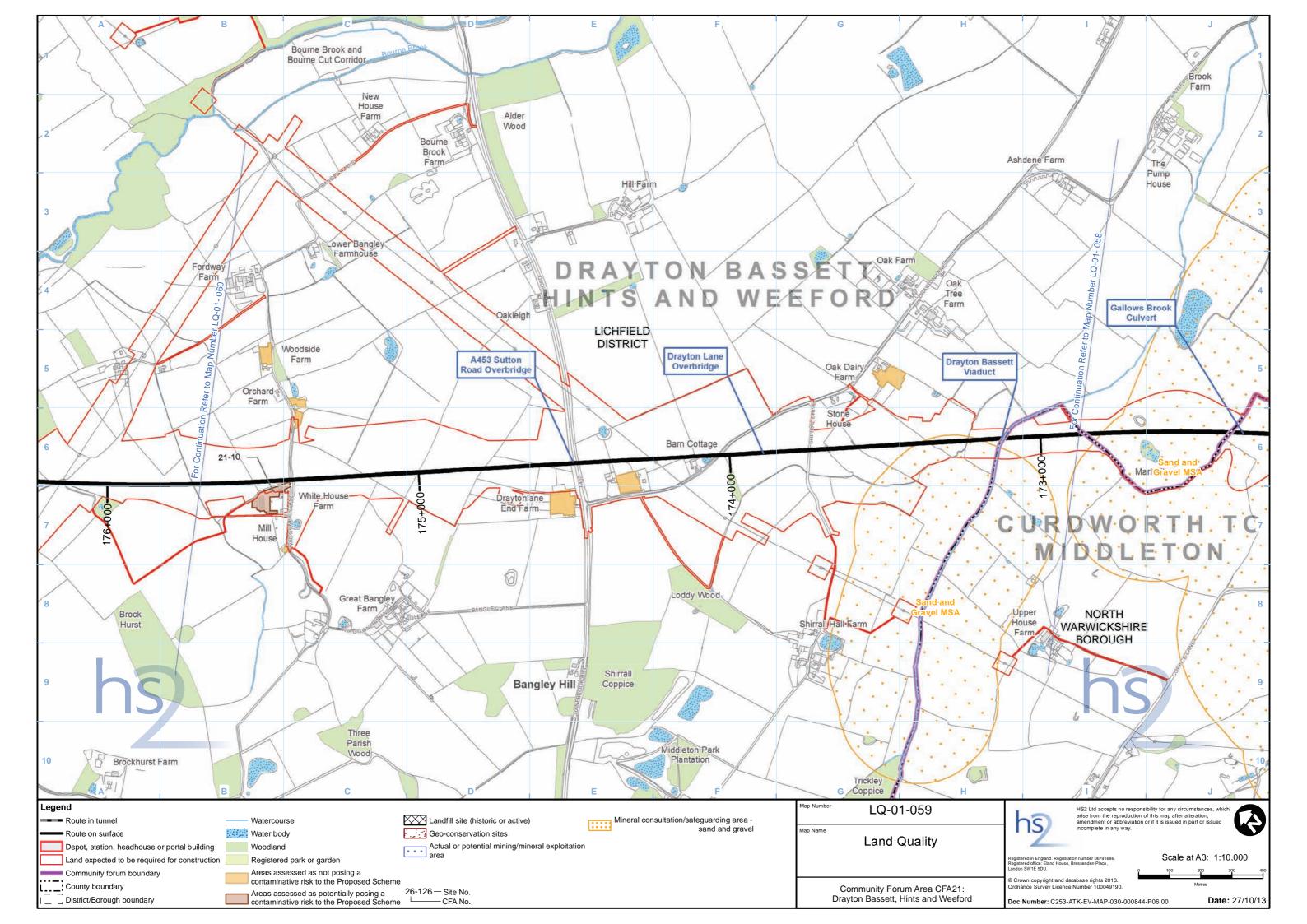


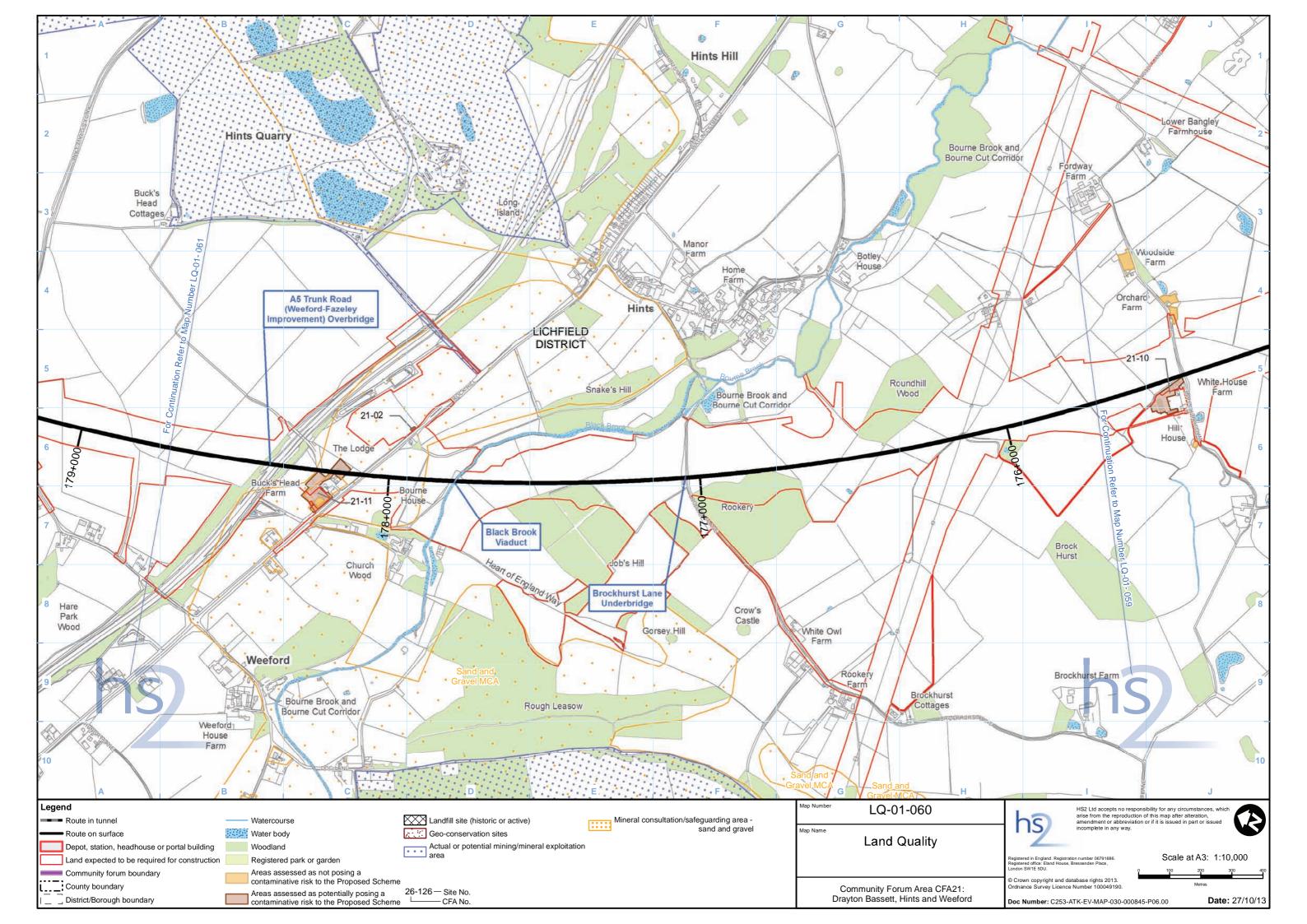


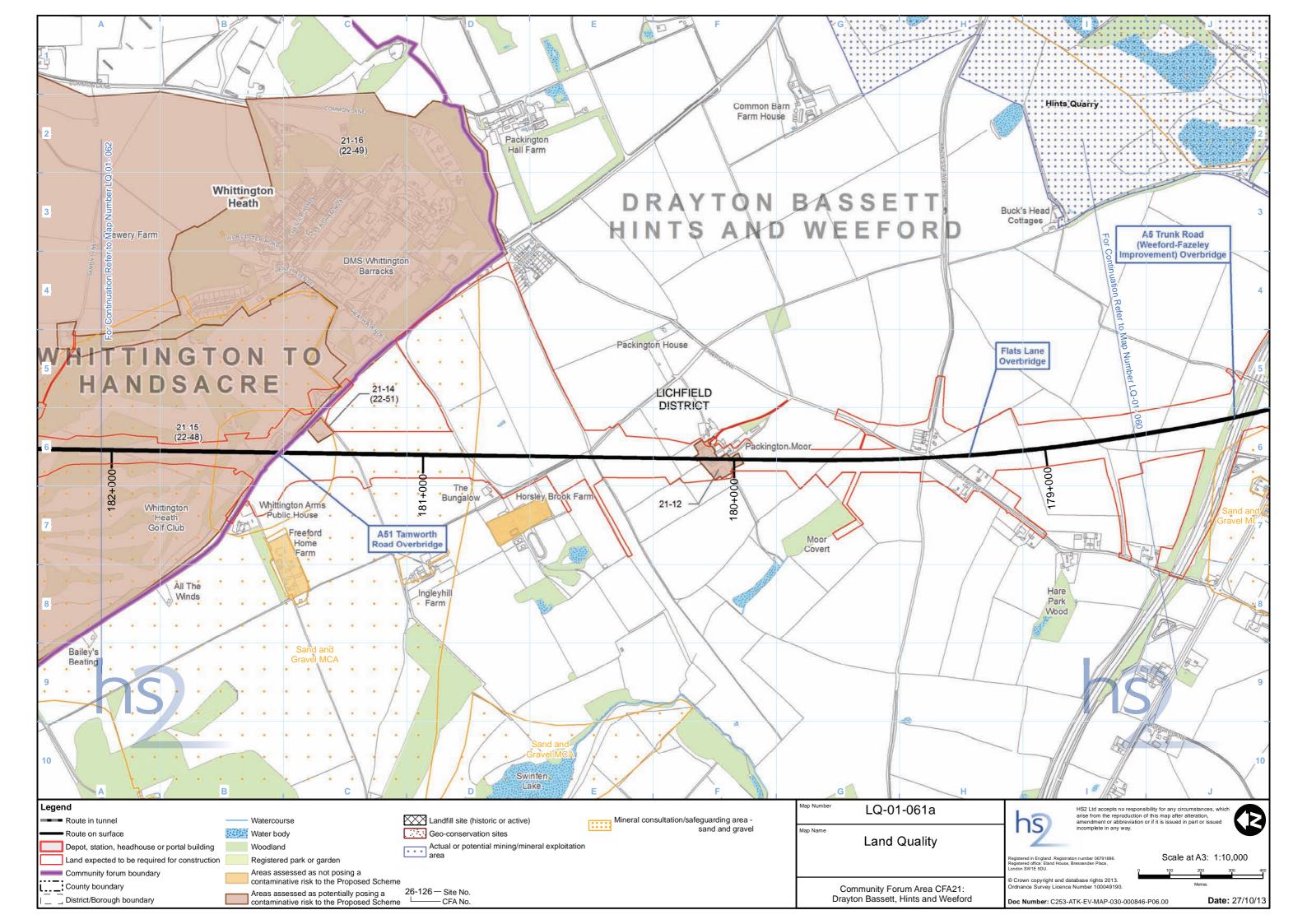


CFA21 | Drayton Bassett, Hints and Weeford LQ-01 - Land Quality



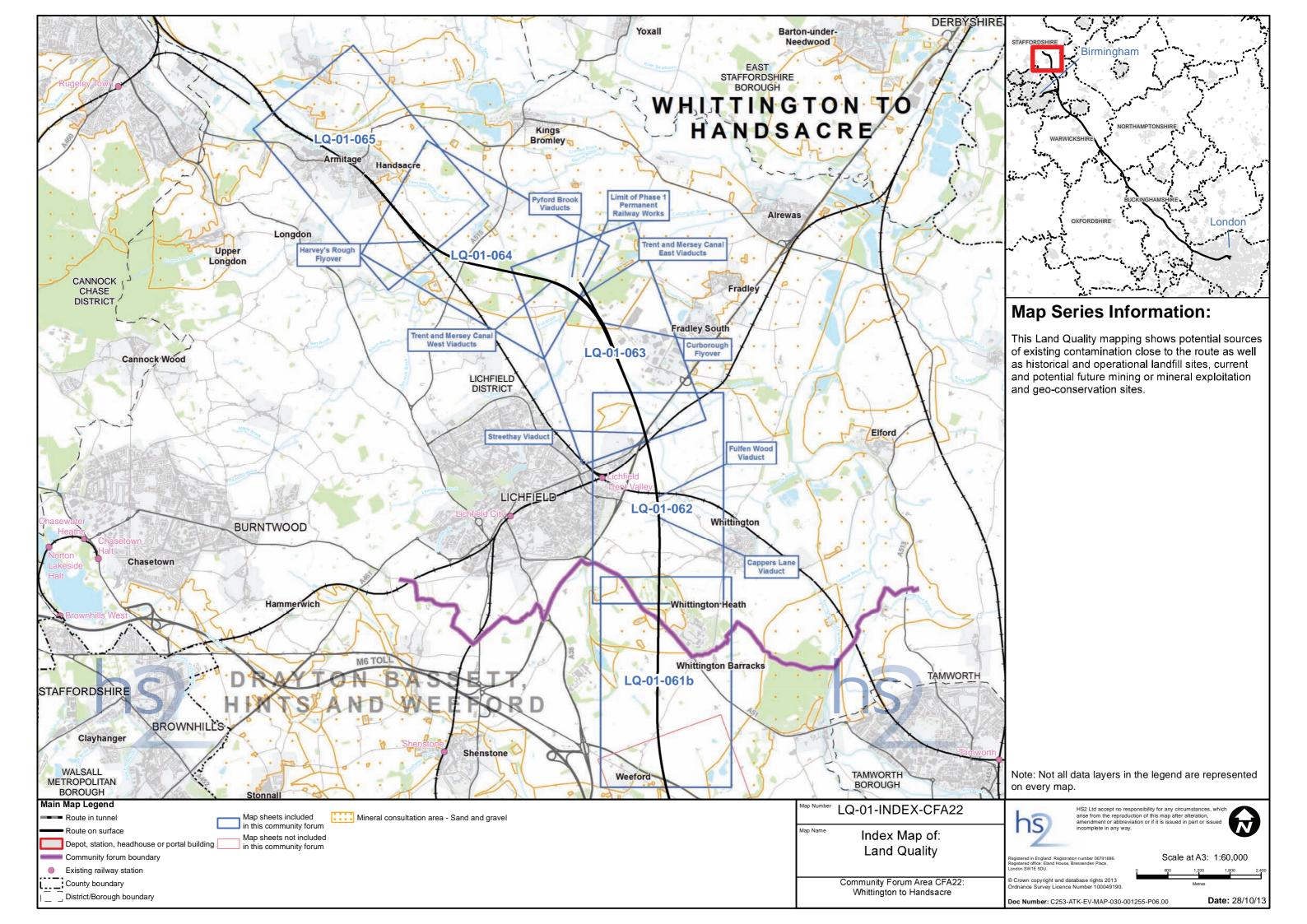


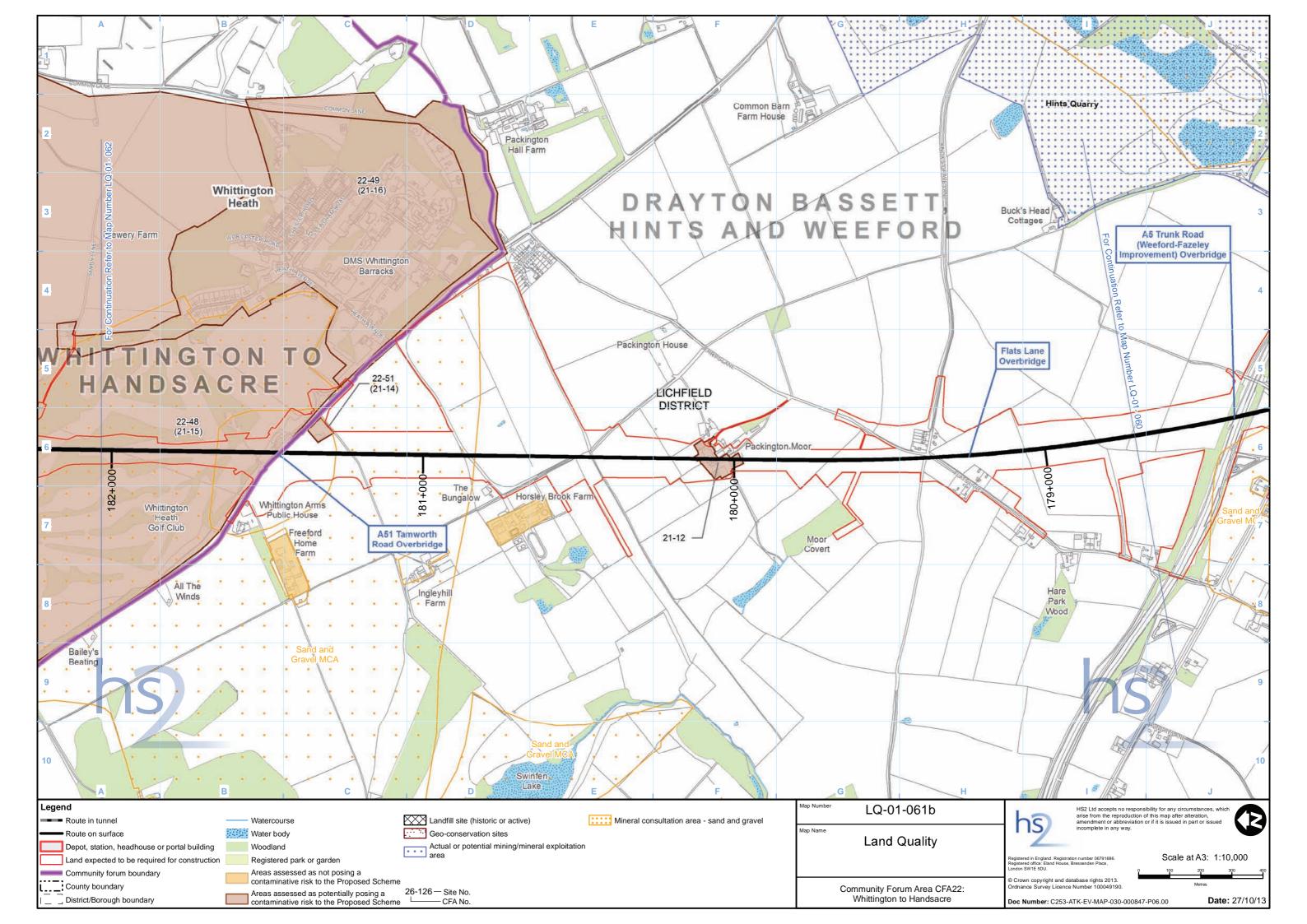


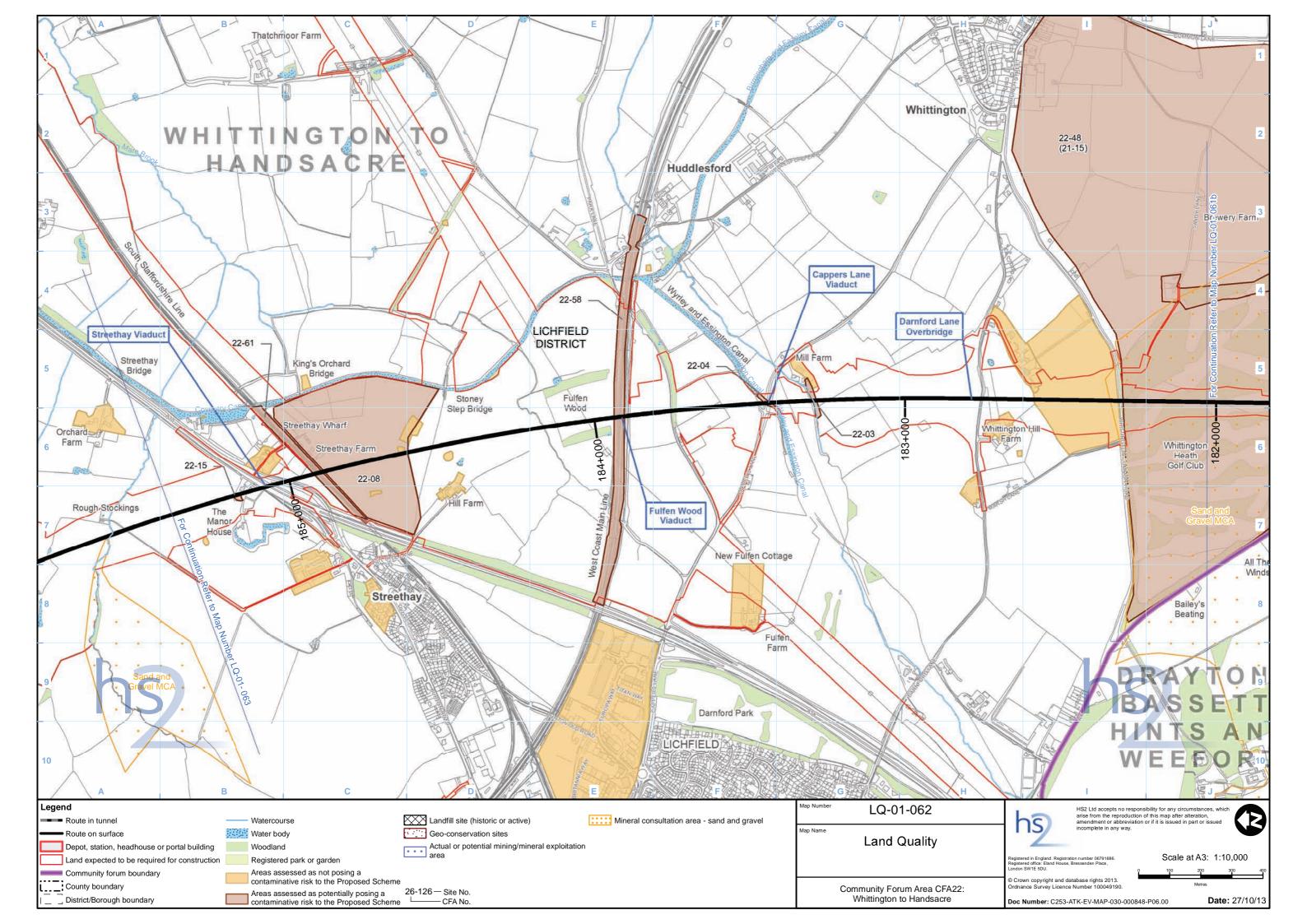


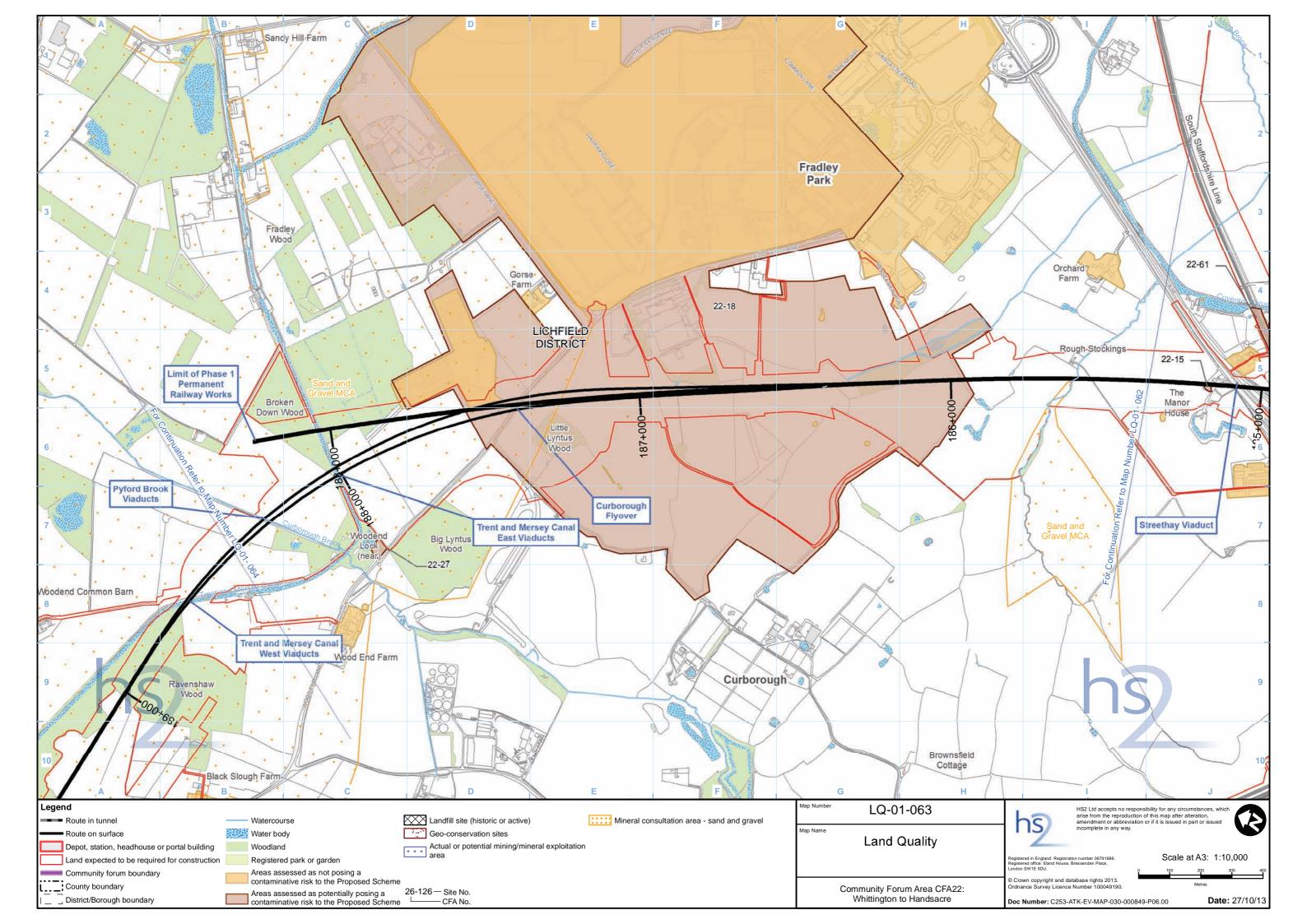


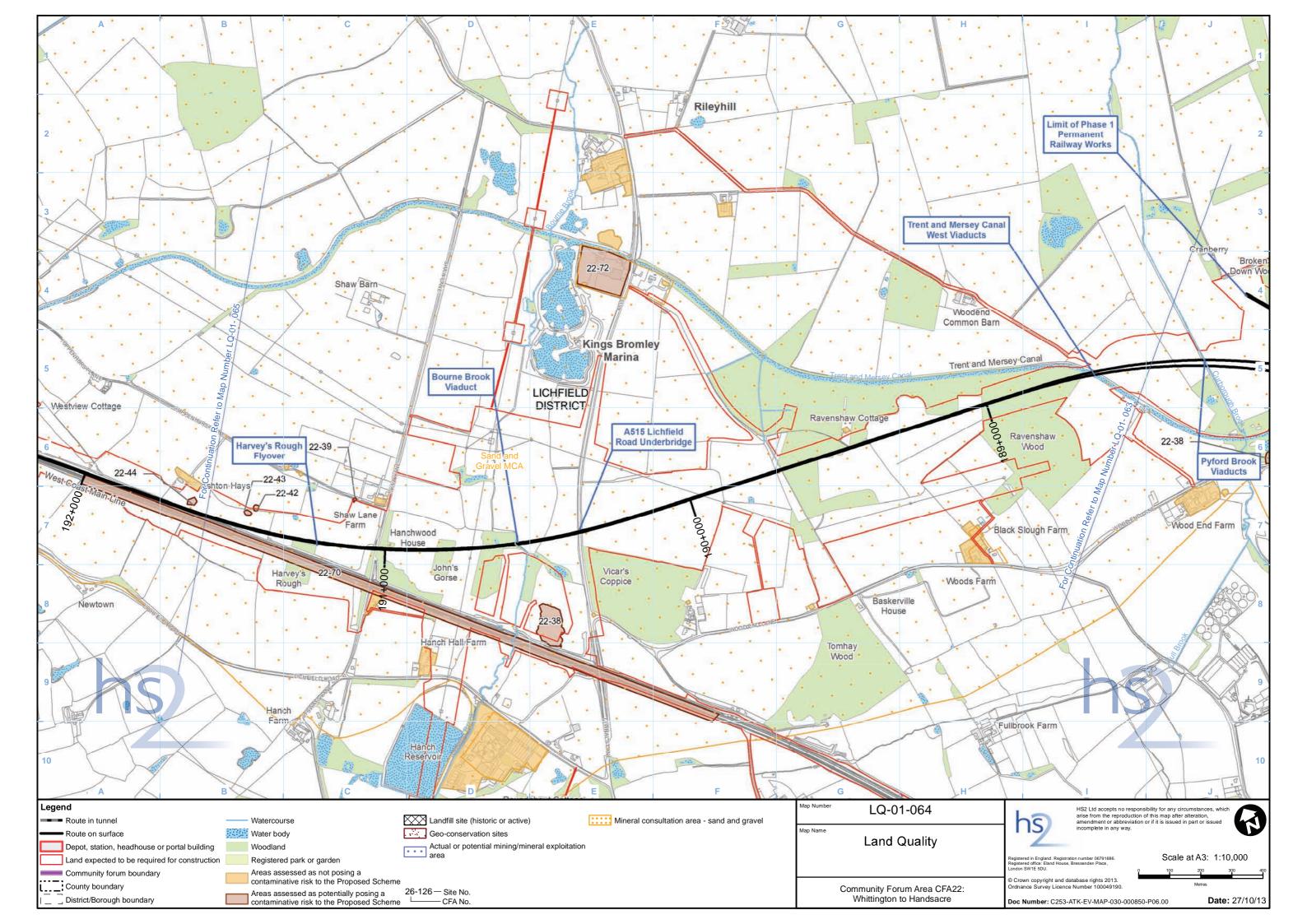
CFA22 | Whittington to Handsacre LQ-01 - Land Quality

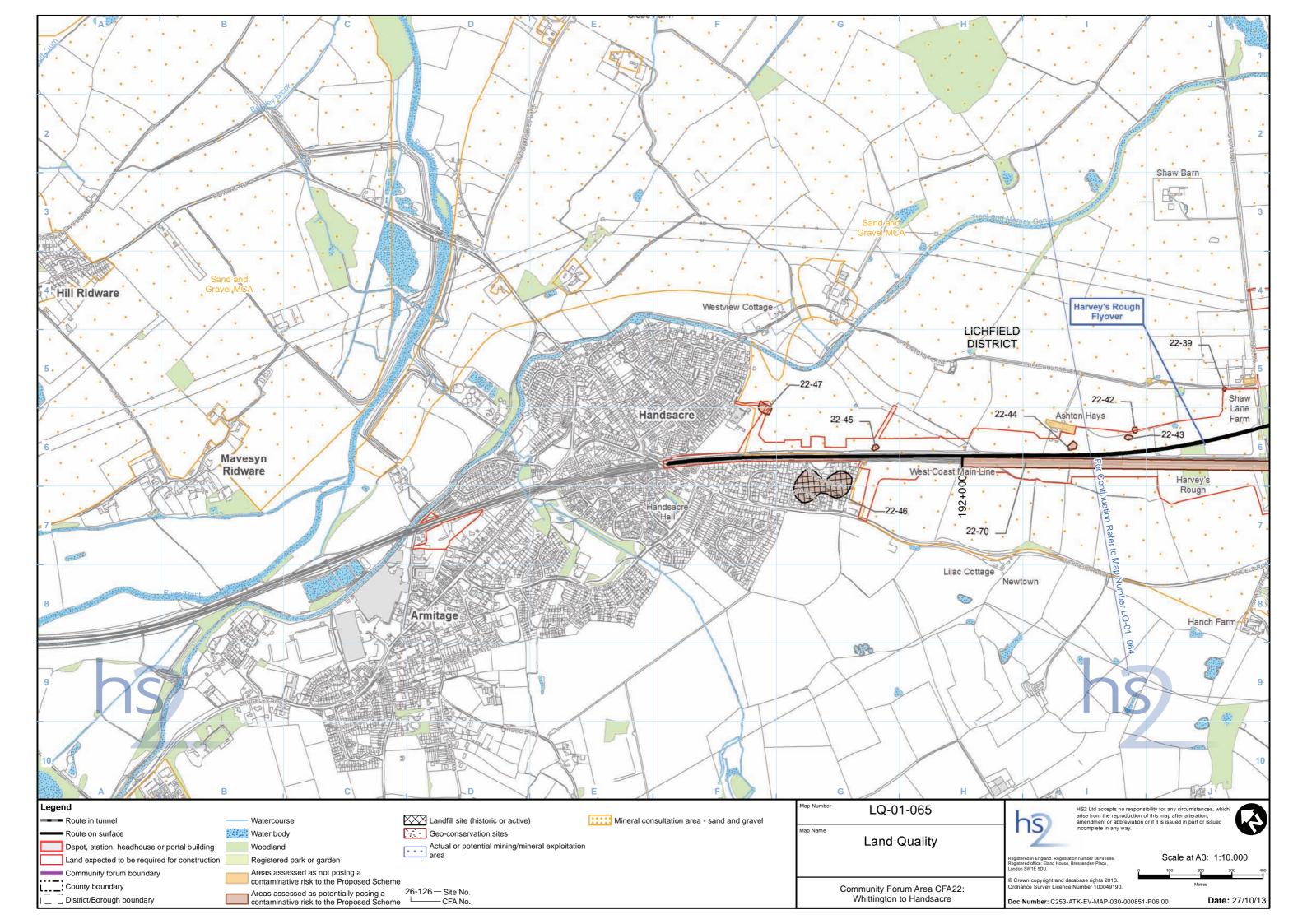






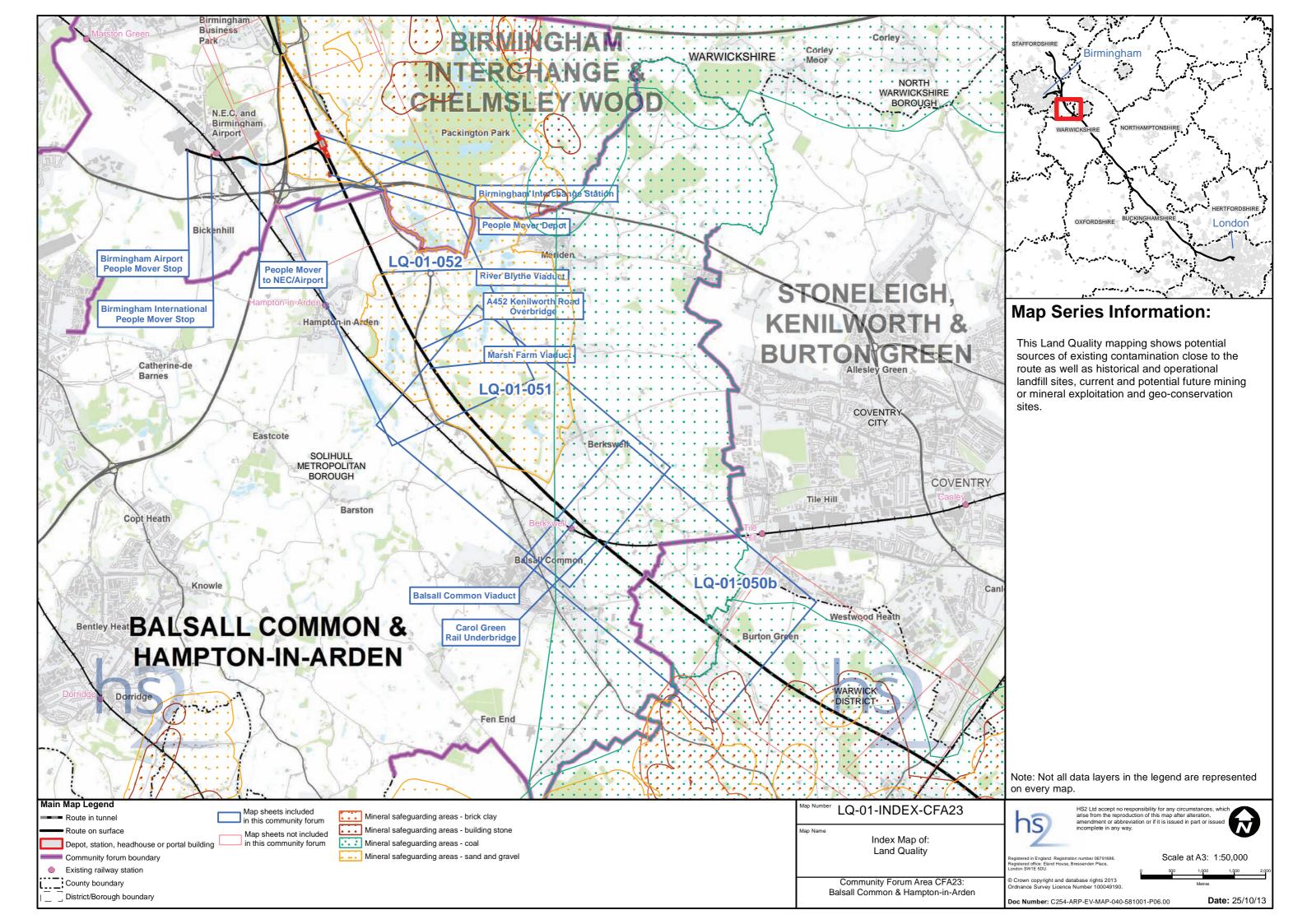


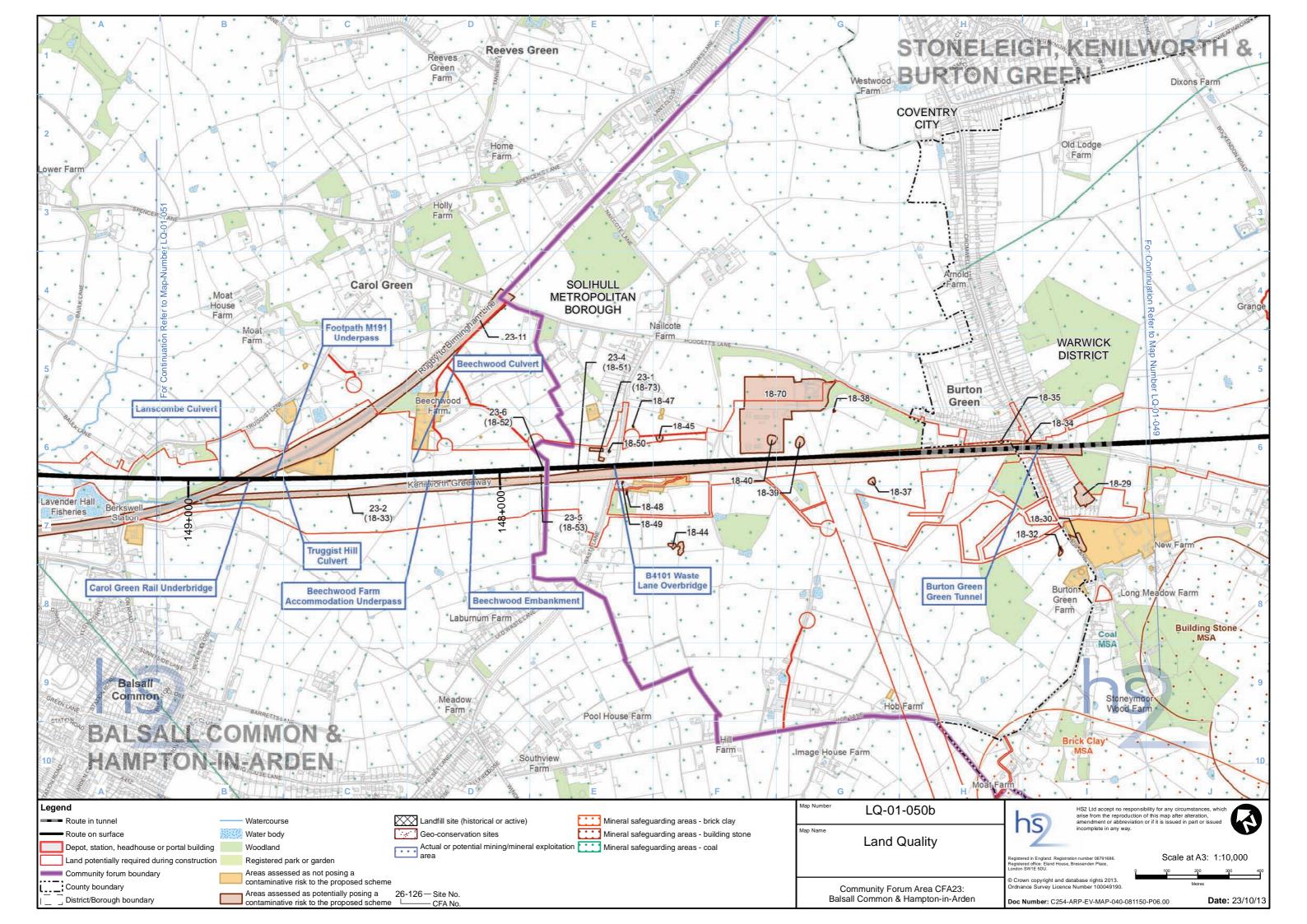


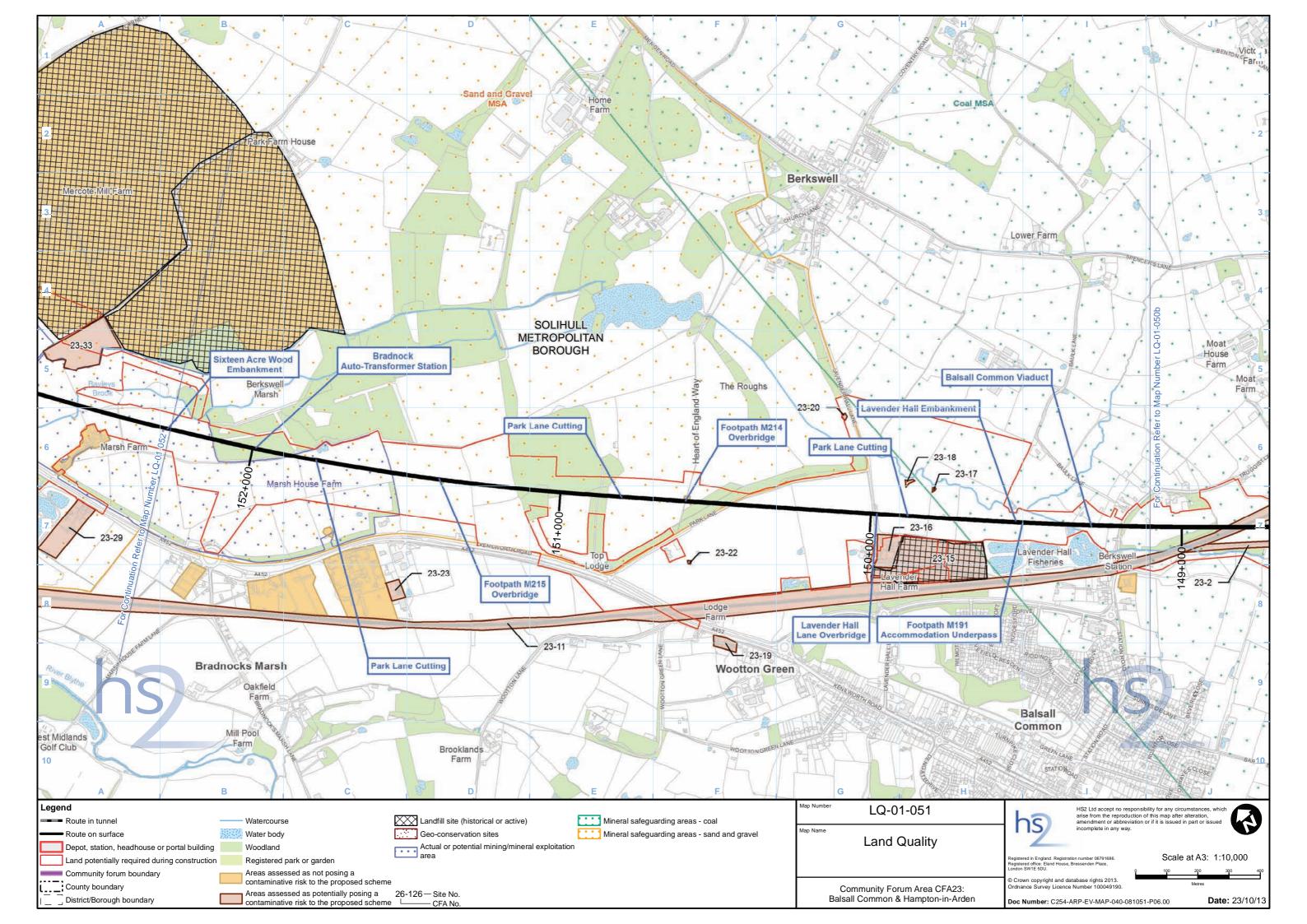


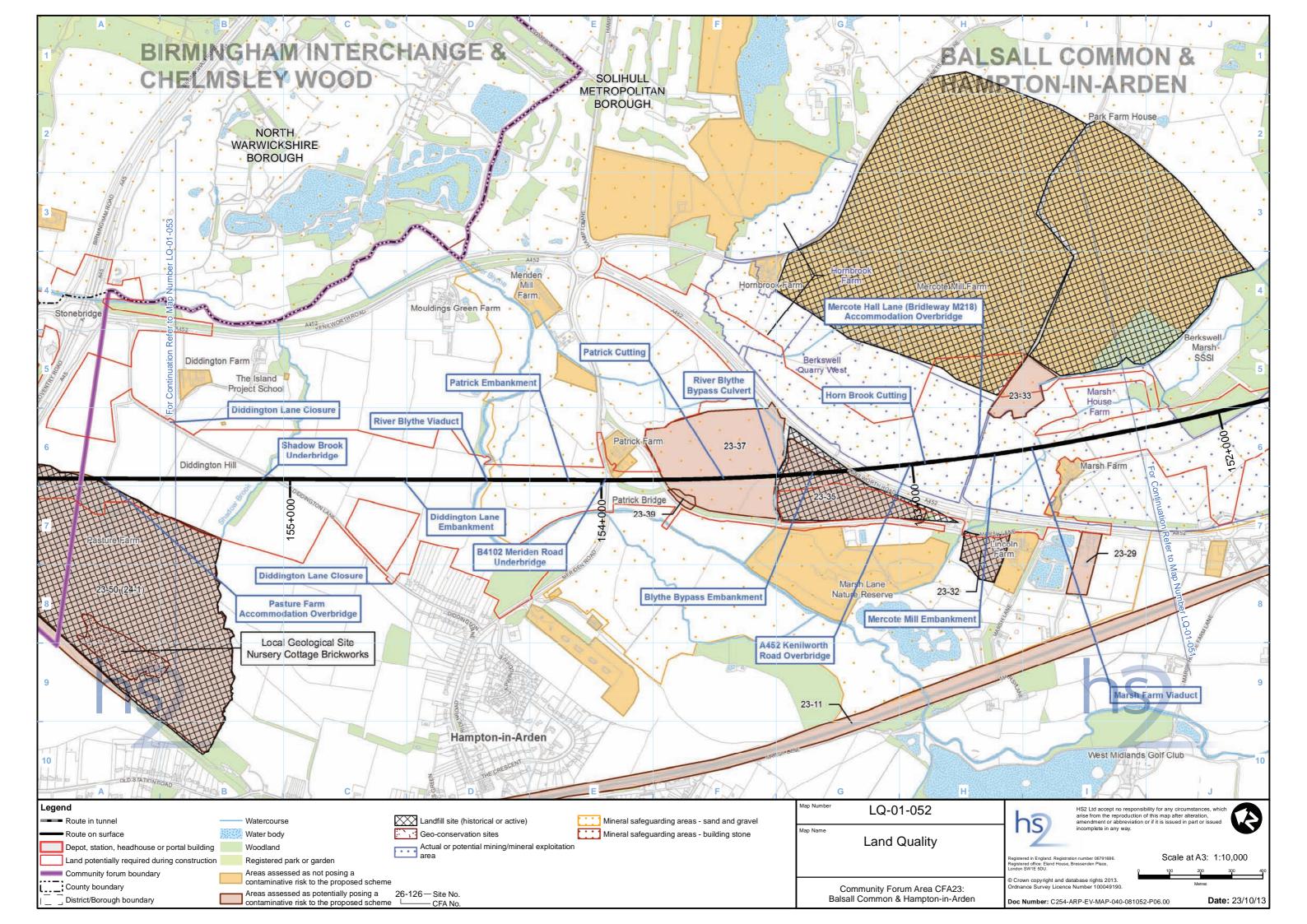


CFA23 | Balsall Common and Hampton-in-Arden LQ-01 - Land Quality



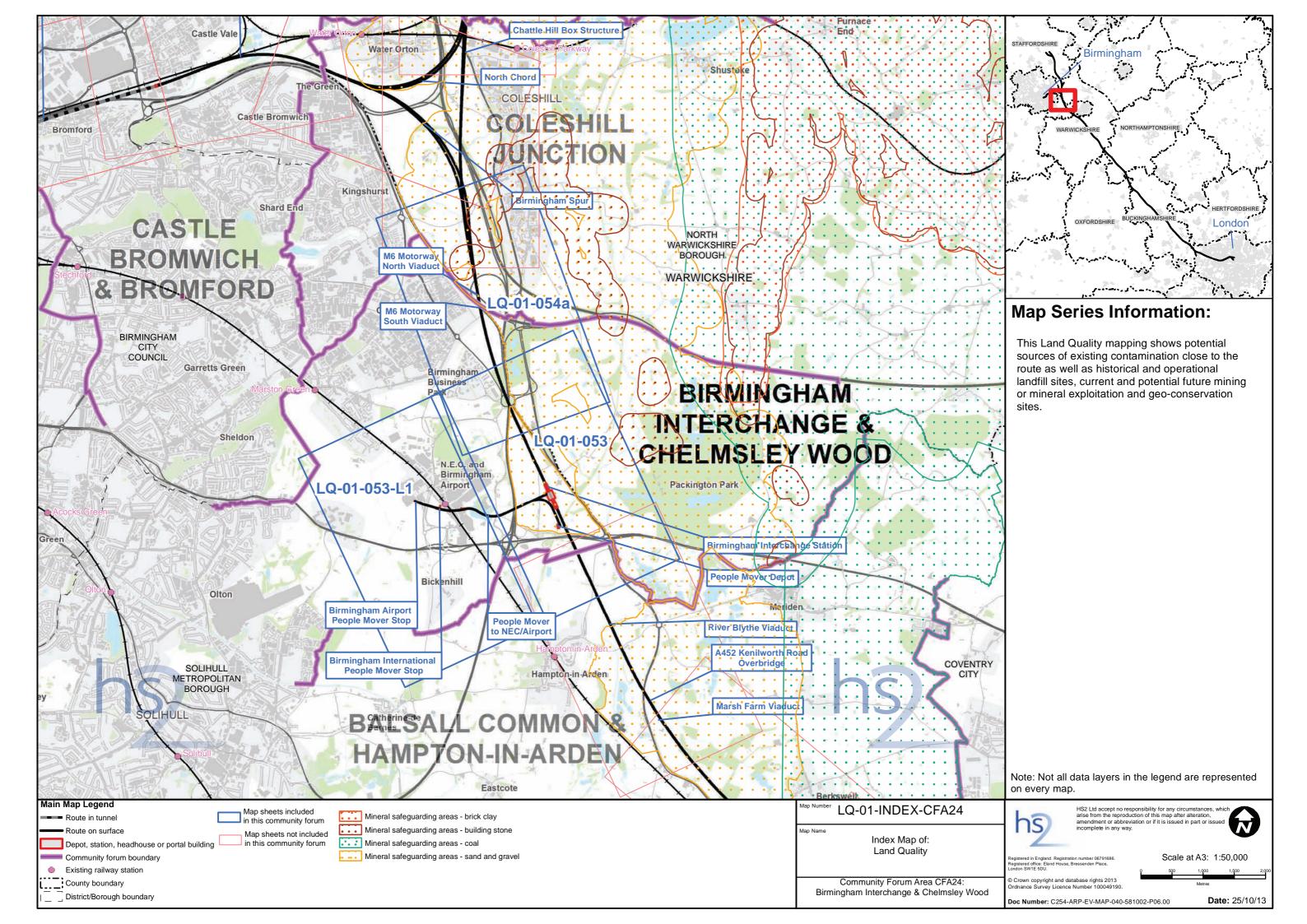


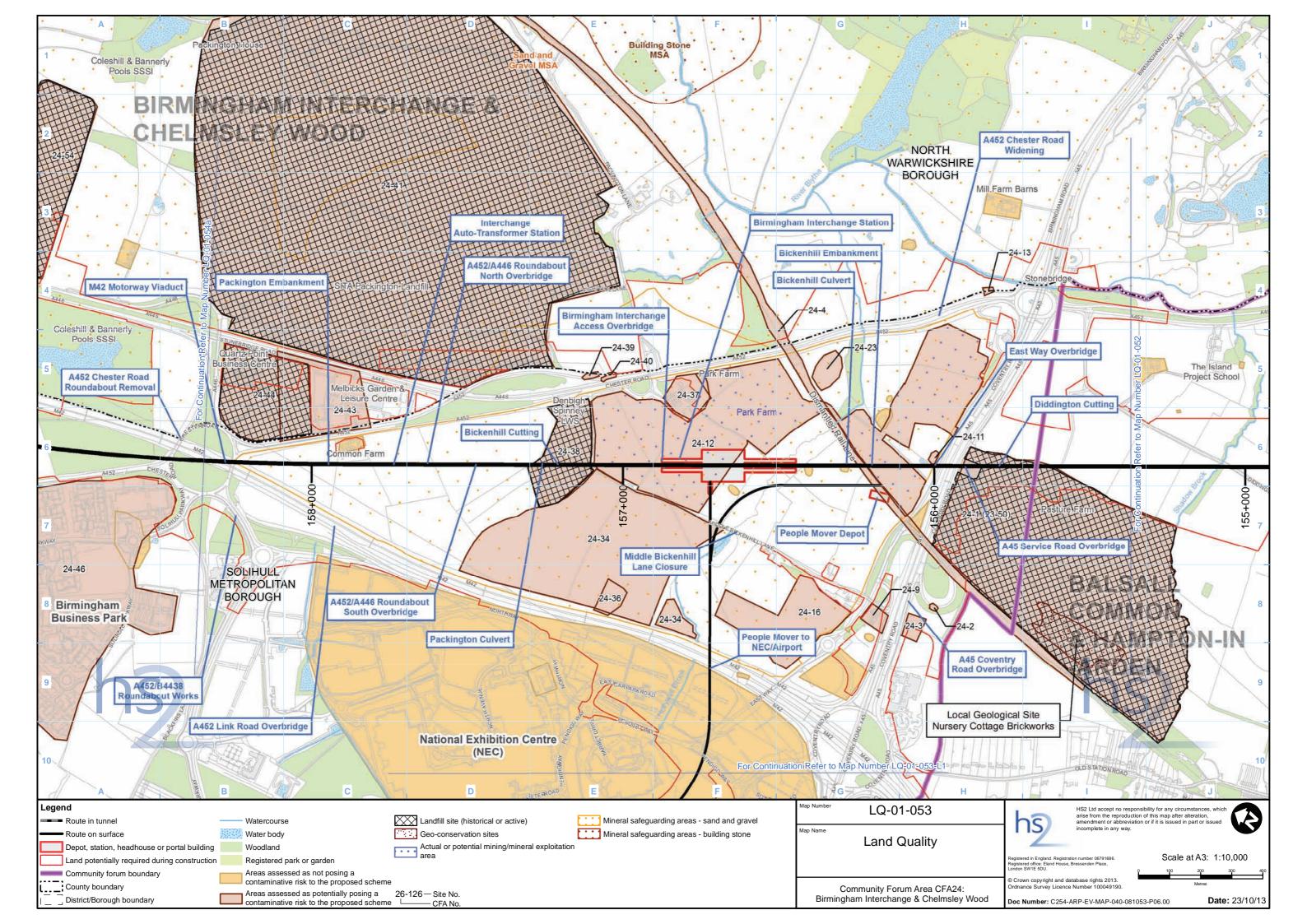


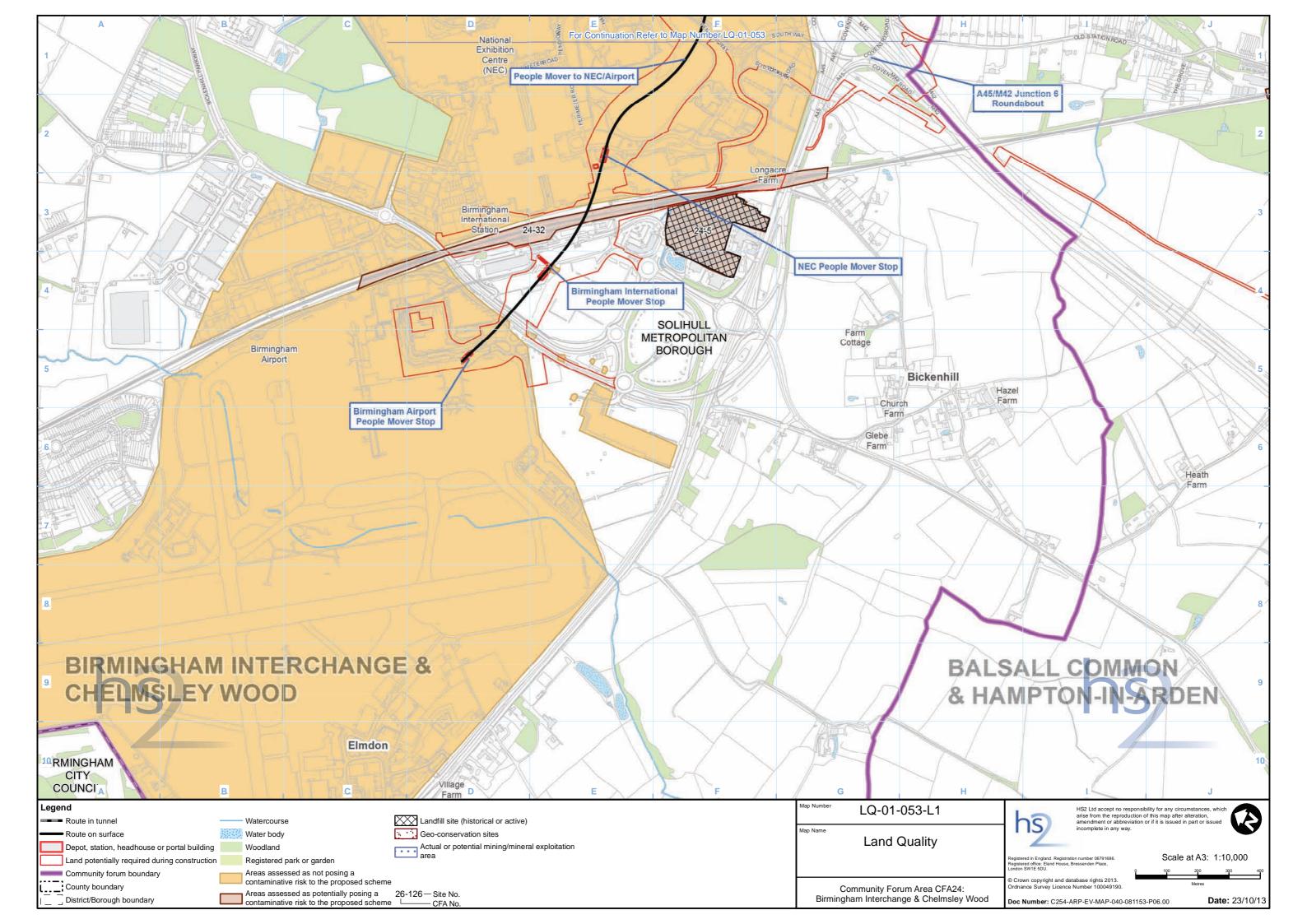


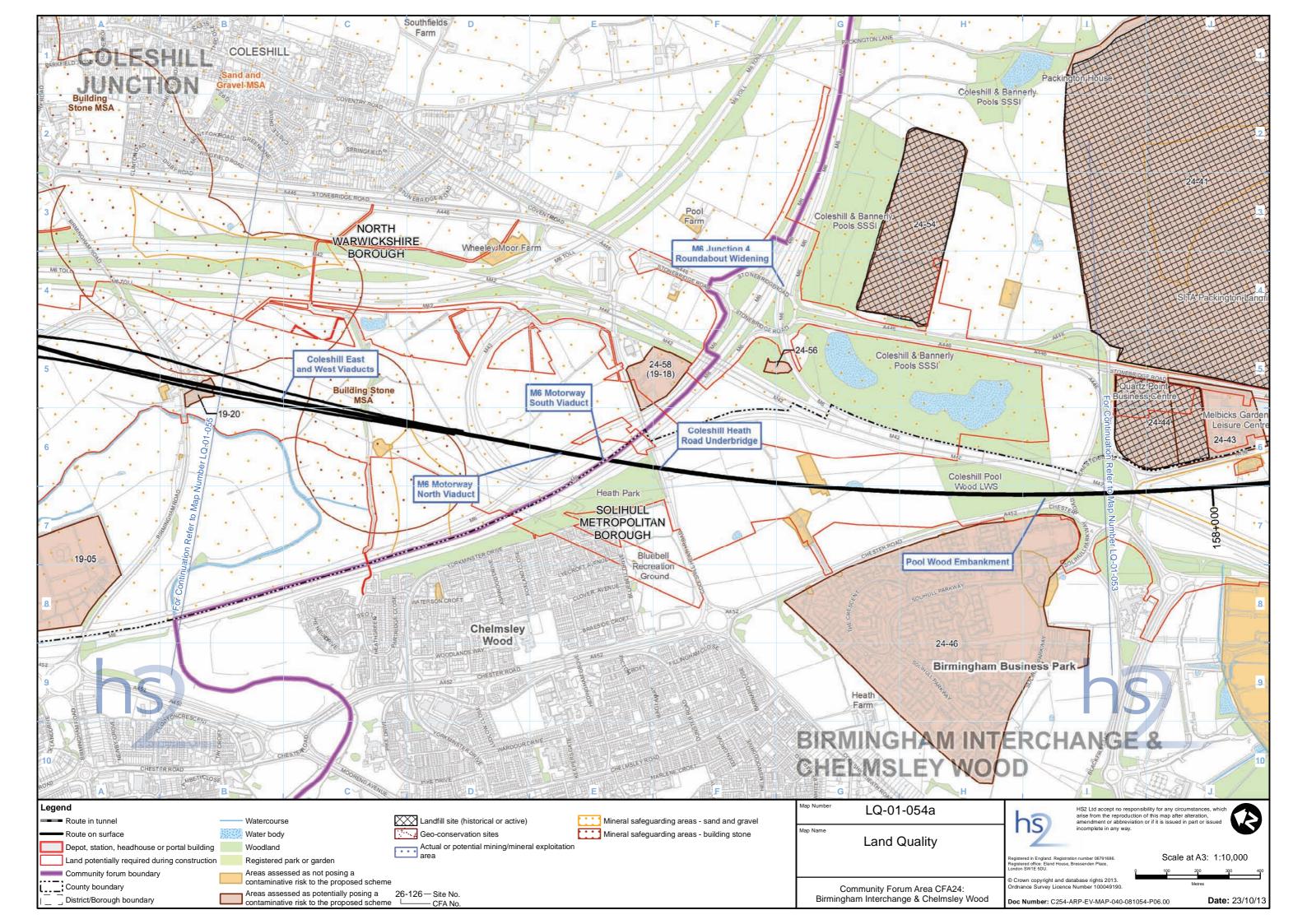


CFA24 | Birmingham Interchange and Chelmsley Wood LQ-01 - Land Quality



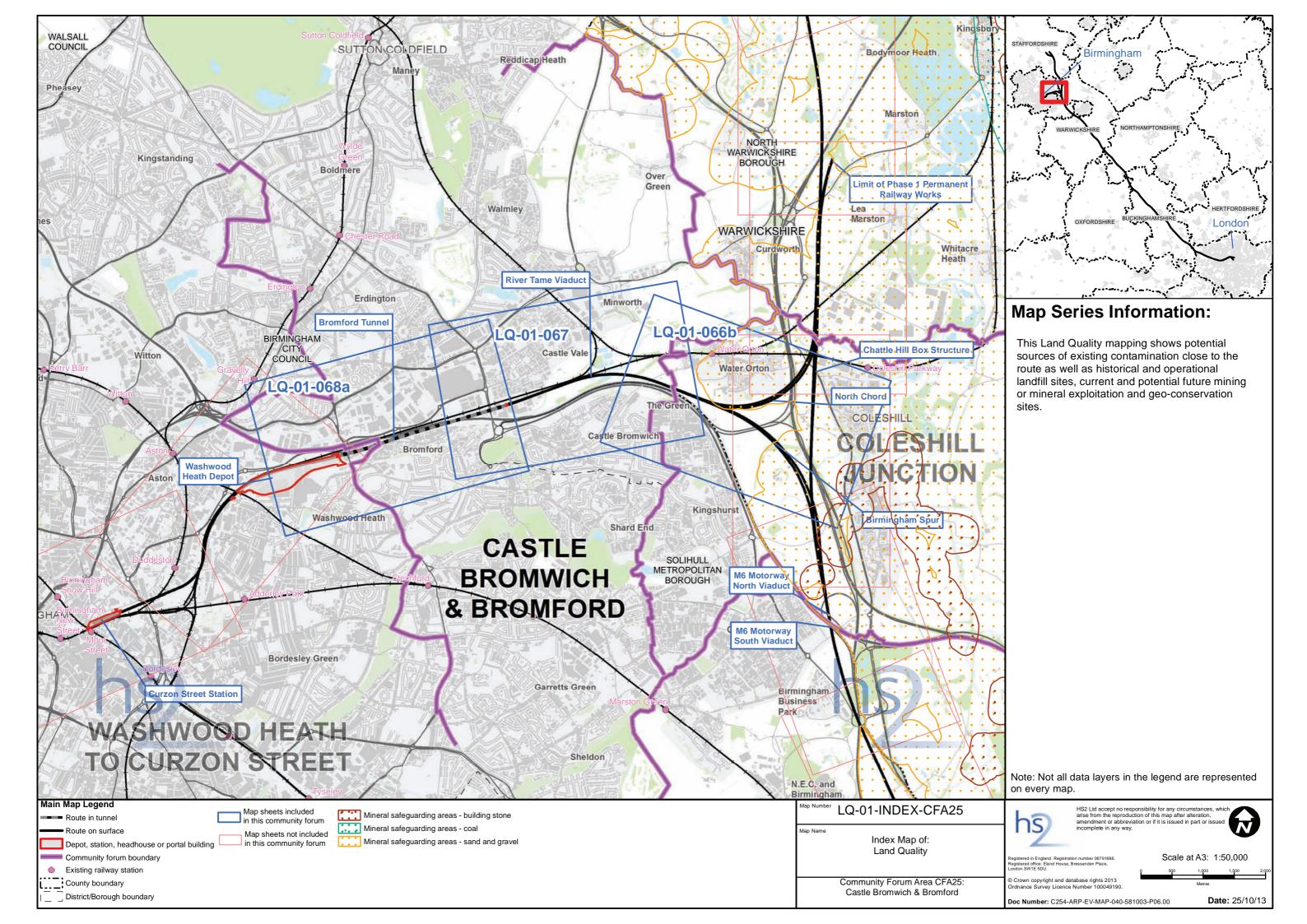


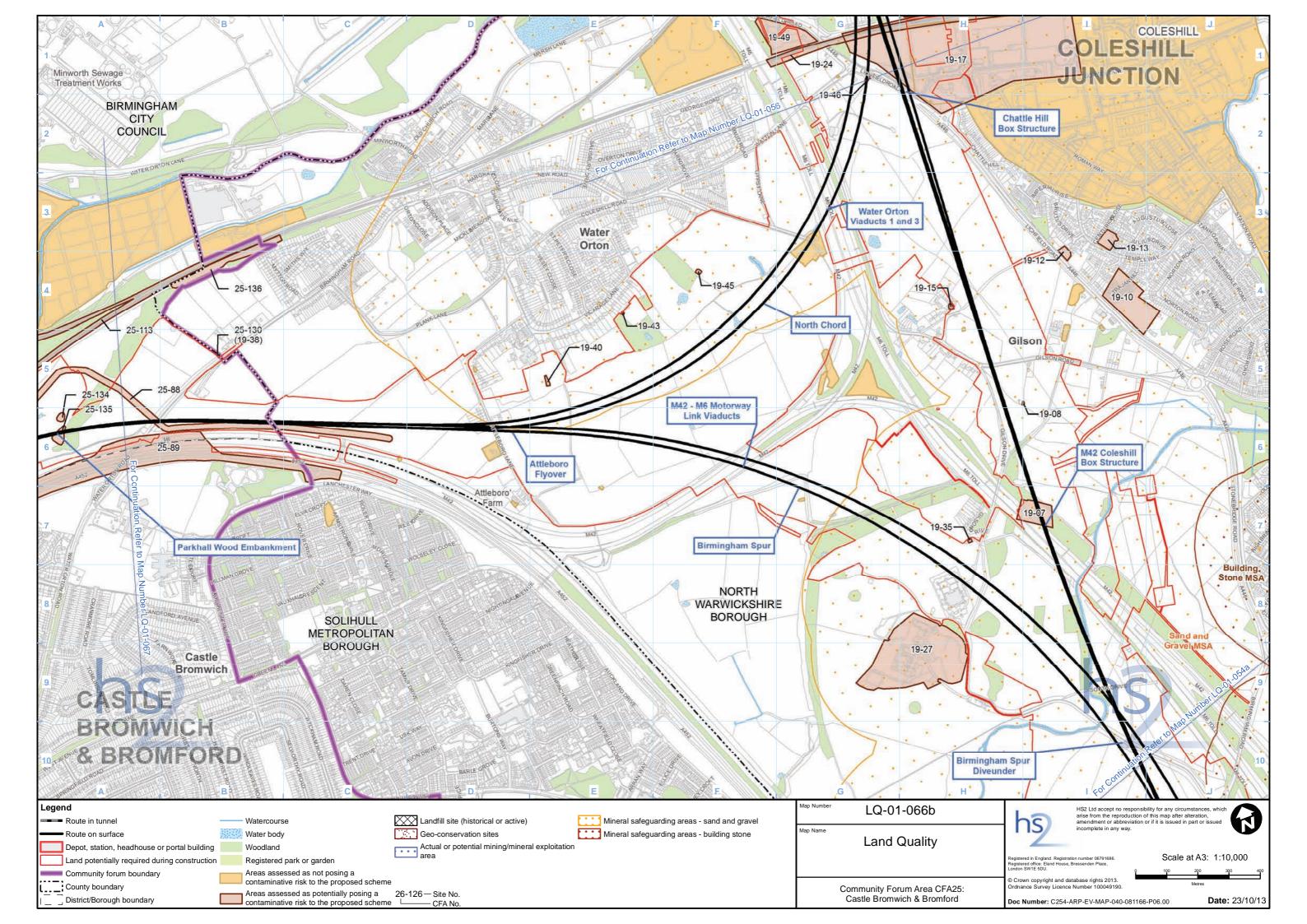


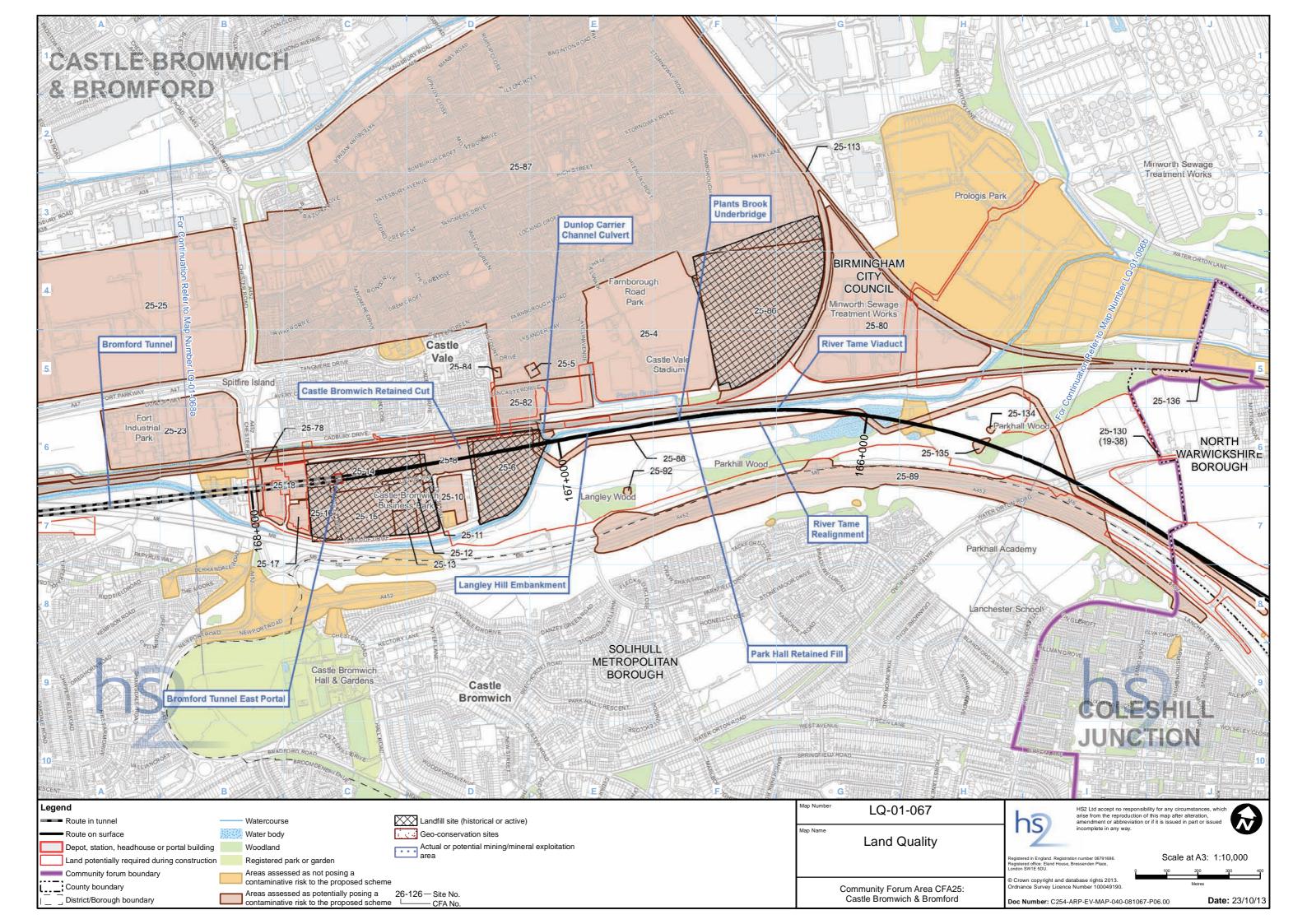


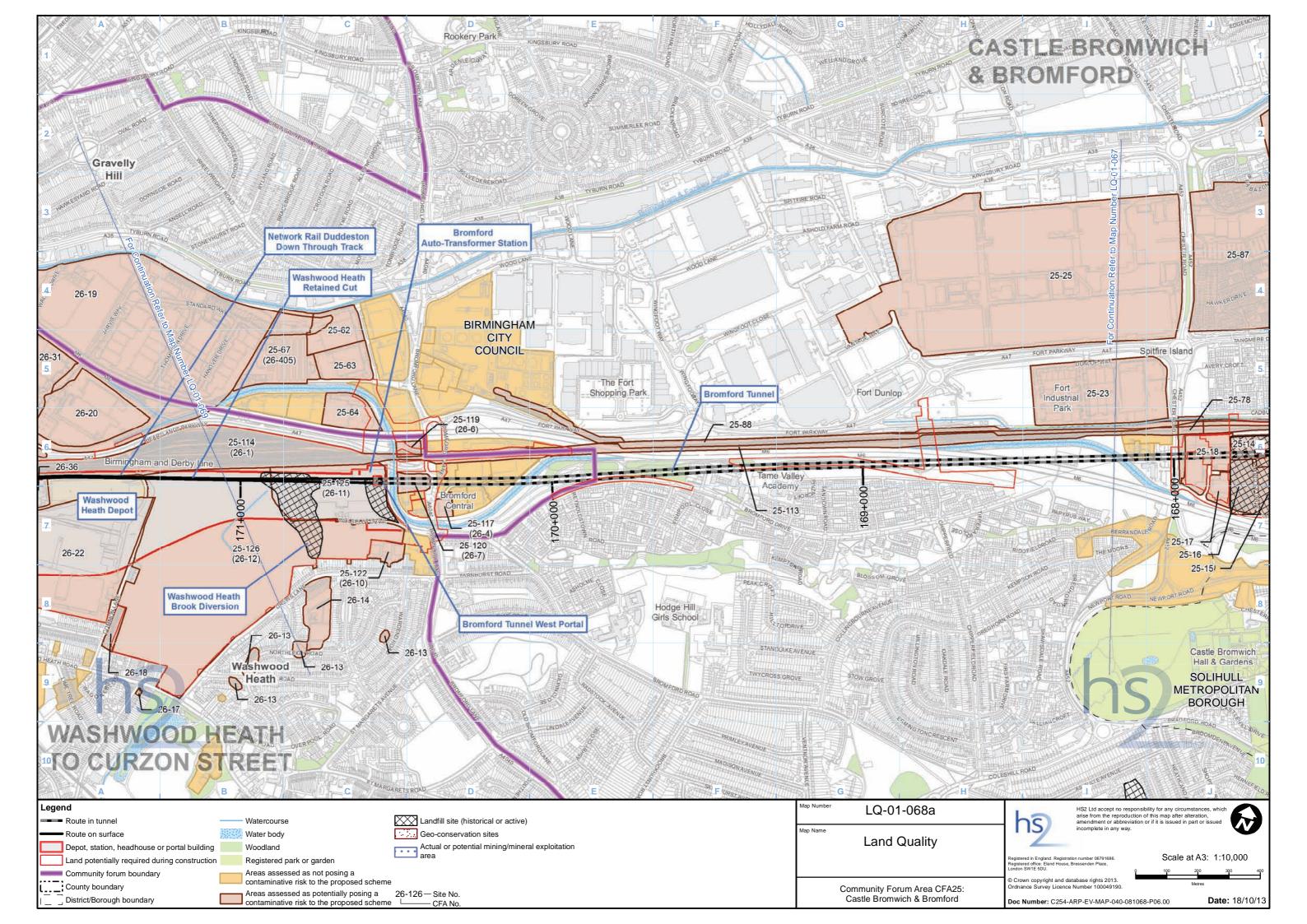


CFA25 | Castle Bromwich and Bromford LQ-01 - Land Quality











CFA26 | Washwood Heath to Curzon Street LQ-01 - Land Quality

